

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003518.D
 Acq On : 05 Nov 2020 11:45
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 23:47:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	327719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	298068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162948	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	114485	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	7.72	113	98355	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	10.18	98	398733	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.48	95	134472	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	37840	20.880	ug/l	100
3) Chloromethane	2.11	50	50626	21.220	ug/l	99
4) Vinyl Chloride	2.26	62	56018	20.918	ug/l	98
5) Bromomethane	2.65	94	44207	19.758	ug/l	97
6) Chloroethane	2.79	64	34276	21.474	ug/l	96
7) Trichlorofluoromethane	3.13	101	69718	20.510	ug/l	100
8) Diethyl Ether	3.54	74	22713	21.789	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	39656	21.108	ug/l	99
10) Methyl Iodide	4.09	142	37746	22.376	ug/l	99
11) Tert butyl alcohol	4.96	59	36678	148.720	ug/l #	91
12) 1,1-Dichloroethene	3.88	96	37708	20.173	ug/l	95
13) Acrolein	3.74	56	18647	95.690	ug/l	97
14) Allyl chloride	4.49	41	69117	20.267	ug/l	99
15) Acrylonitrile	5.18	53	54822	98.526	ug/l	99
16) Acetone	3.96	43	67799	87.527	ug/l	96
17) Carbon Disulfide	4.20	76	121276	20.027	ug/l	99
18) Methyl Acetate	4.49	43	30528	20.855	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	98170	21.204	ug/l	99
20) Methylene Chloride	4.72	84	46568	21.347	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	44265	20.451	ug/l	96
22) Diisopropyl ether	6.13	45	132892	22.217	ug/l	96
23) Vinyl Acetate	6.07	43	469244	104.393	ug/l	99
24) 1,1-Dichloroethane	6.02	63	81310	21.391	ug/l	98
25) 2-Butanone	6.99	43	90212	93.116	ug/l	98
26) 2,2-Dichloropropane	6.99	77	74081	20.920	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	50367	21.475	ug/l	99
28) Bromochloromethane	7.34	49	37259	19.485	ug/l	100
29) Tetrahydrofuran	7.35	42	50608	99.969	ug/l	98
30) Chloroform	7.51	83	81023	21.702	ug/l	99
31) Cyclohexane	7.79	56	69901	19.861	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	73514	21.107	ug/l	99
36) 1,1-Dichloropropene	7.92	75	63498	20.550	ug/l	100
37) Ethyl Acetate	7.08	43	37956	19.782	ug/l	99
38) Carbon Tetrachloride	7.91	117	66120	20.627	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
 Data File : VY003518.D
 Acq On : 05 Nov 2020 11:45
 Operator : SY/MD
 Sample : VY1105SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 23:47:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	68287	19.848	ug/l	99
40) Benzene	8.16	78	181411	21.097	ug/l	99
41) Methacrylonitrile	7.35	41	49849	48.653	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	57341	21.282	ug/l	99
43) Isopropyl Acetate	8.28	43	69585	20.180	ug/l	98
44) Trichloroethene	8.94	130	50669	20.990	ug/l	98
45) 1,2-Dichloropropane	9.22	63	46785	21.545	ug/l	96
46) Dibromomethane	9.31	93	25457	21.309	ug/l	98
47) Bromodichloromethane	9.50	83	63962	21.874	ug/l	99
48) Methyl methacrylate	9.29	41	31981	19.689	ug/l	97
49) 1,4-Dioxane	9.30	88	6167	413.708	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	187060	101.818	ug/l	99
52) Toluene	10.24	92	115348	21.447	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	66518	21.376	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	74597	21.303	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	36378	21.451	ug/l	97
56) Ethyl methacrylate	10.51	69	46939	20.664	ug/l	97
57) 1,3-Dichloropropane	10.79	76	64173	21.762	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	126474	109.830	ug/l	99
59) 2-Hexanone	10.83	43	132444	97.366	ug/l	99
60) Dibromochloromethane	10.99	129	45011	21.594	ug/l	98
61) 1,2-Dibromoethane	11.09	107	34007	20.771	ug/l	100
64) Tetrachloroethene	10.72	164	48345	21.718	ug/l	98
65) Chlorobenzene	11.52	112	125171	21.616	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	45944	21.038	ug/l	96
67) Ethyl Benzene	11.59	91	220564	21.006	ug/l	99
68) m/p-Xylenes	11.70	106	168628	42.378	ug/l	100
69) o-Xylene	12.03	106	78140	21.348	ug/l	100
70) Styrene	12.04	104	134897	21.705	ug/l	100
71) Bromoform	12.20	173	31101	21.366	ug/l #	99
73) Isopropylbenzene	12.33	105	213879	20.093	ug/l	100
74) N-amyl acetate	12.14	43	60106	19.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	44901	19.749	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	58940	34.186	ug/l #	100
77) Bromobenzene	12.61	156	55307	20.450	ug/l	100
78) n-propylbenzene	12.67	91	256142	20.430	ug/l	100
79) 2-Chlorotoluene	12.75	91	142222	20.303	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	183019	20.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	15706	19.013	ug/l	96
82) 4-Chlorotoluene	12.85	91	149441	20.415	ug/l	100
83) tert-Butylbenzene	13.07	119	155832	19.923	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	183942	20.869	ug/l	99
85) sec-Butylbenzene	13.25	105	217701	20.555	ug/l	100
86) p-Isopropyltoluene	13.37	119	201653	20.530	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	107431	21.324	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	104981	20.956	ug/l	98
89) n-Butylbenzene	13.69	91	186587	20.798	ug/l	99
90) Hexachloroethane	13.96	117	34357	20.784	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	94667	21.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7803	18.959	ug/l	98

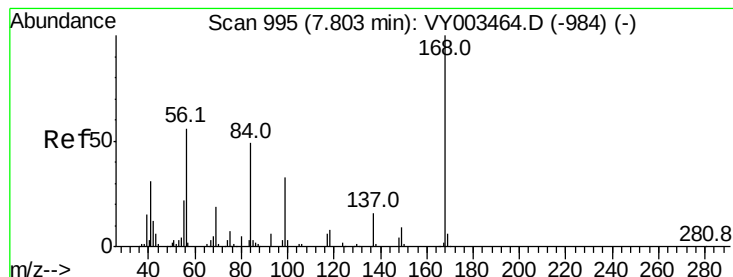
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110520\
Data File : VY003518.D
Acq On : 05 Nov 2020 11:45
Operator : SY/MD
Sample : VY1105SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 05 23:47:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 02 12:40:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	69522	21.961	ug/l	99
94) Hexachlorobutadiene	15.11	225	43659	21.438	ug/l	99
95) Naphthalene	15.23	128	125845	19.852	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	61149	21.473	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

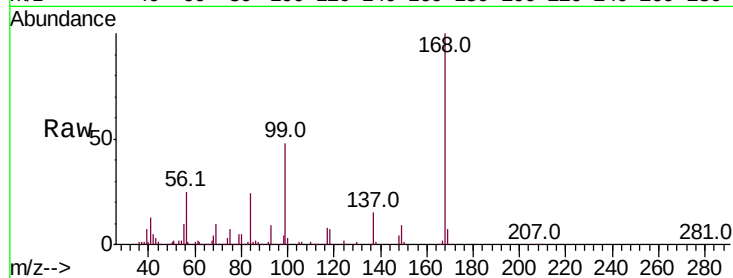
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 229044

Ion Ratio Lower Upper

168 100

99 48.2 39.7 59.5

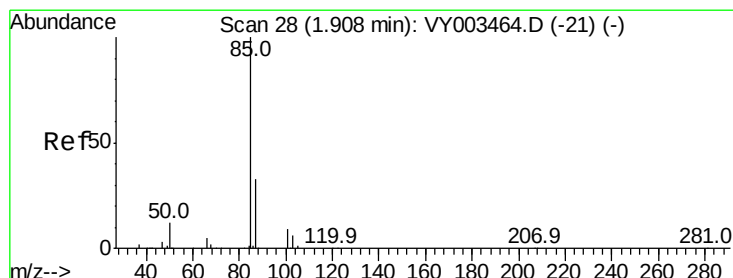
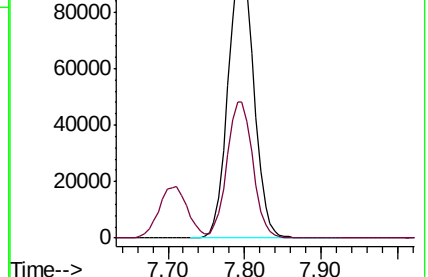
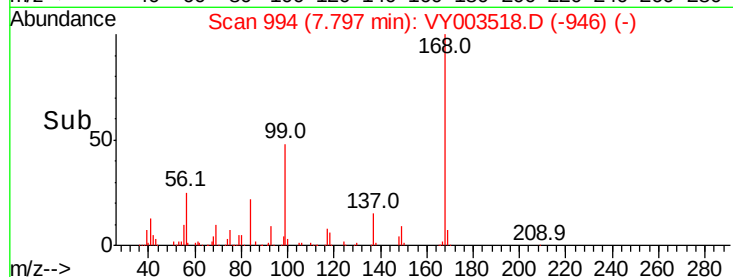


Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.880 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY003518.D

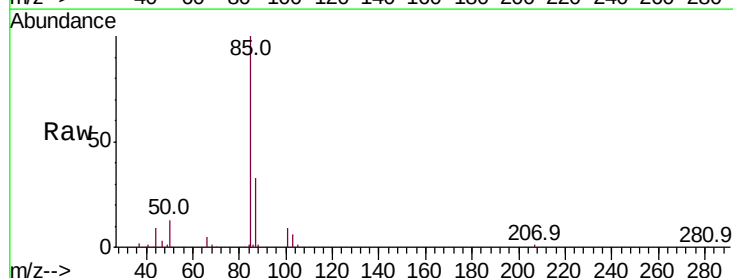
Acq: 05 Nov 2020 11:45

Tgt Ion: 85 Resp: 37840

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.4

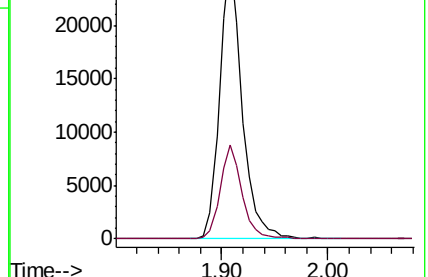
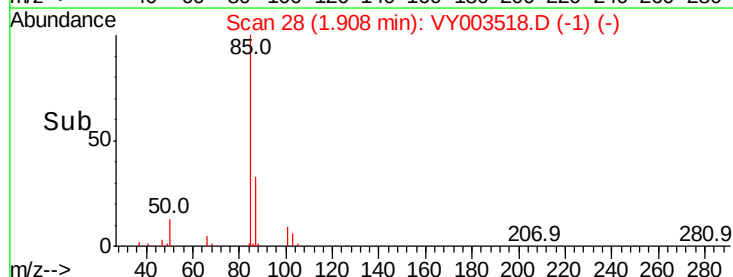


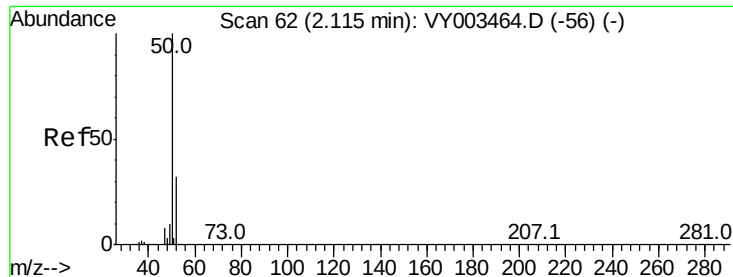
Abundance Ion 84.90 (84.60 to 85.60): VY003464.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003464.D (-21) (-)

1.91

Time-->





#3

Chloromethane

Concen: 21.220 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

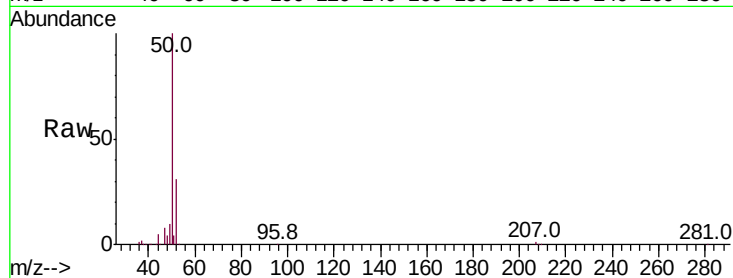
ClientSampleId :

Tot Ion: 50 Resp: 50626

Ion Ratio Lower Upper

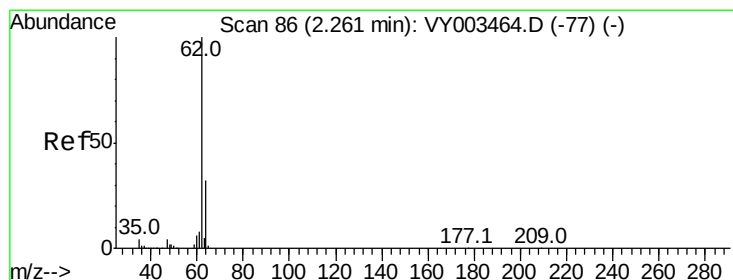
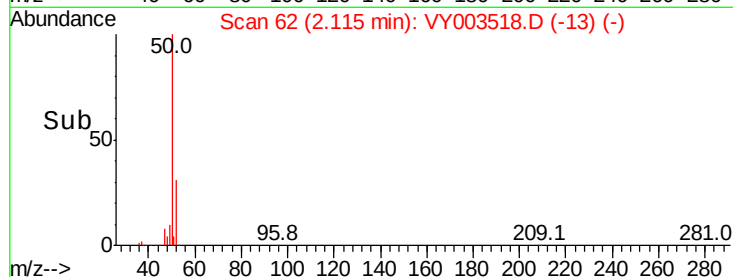
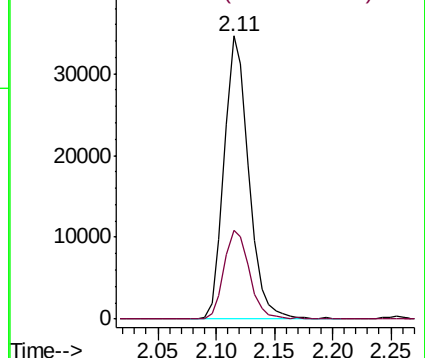
50 100

52 31.4 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.918 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003518.D

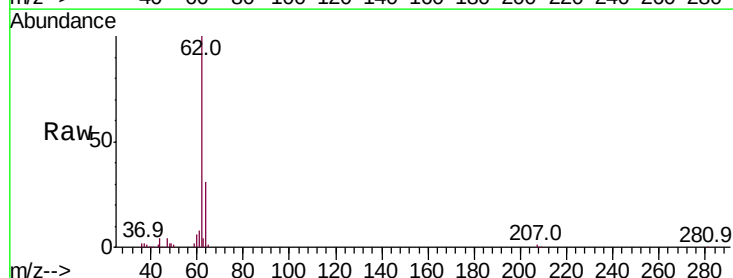
Acq: 05 Nov 2020 11:45

Tgt Ion: 62 Resp: 56018

Ion Ratio Lower Upper

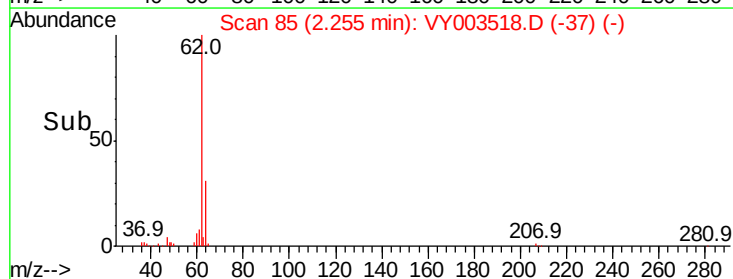
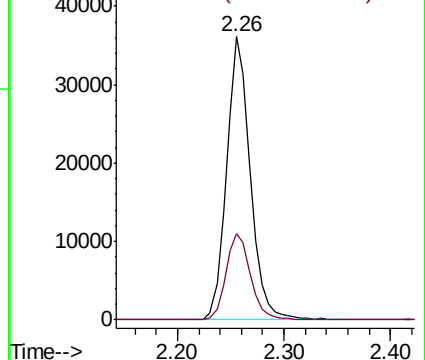
62 100

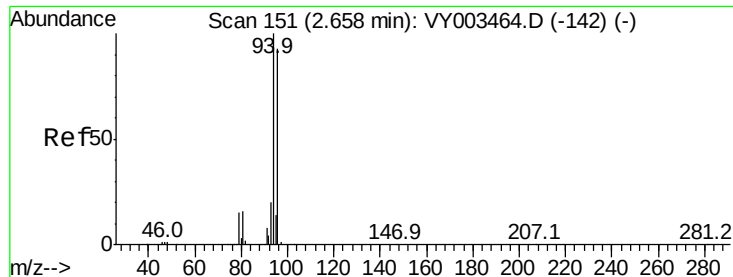
64 30.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.758 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

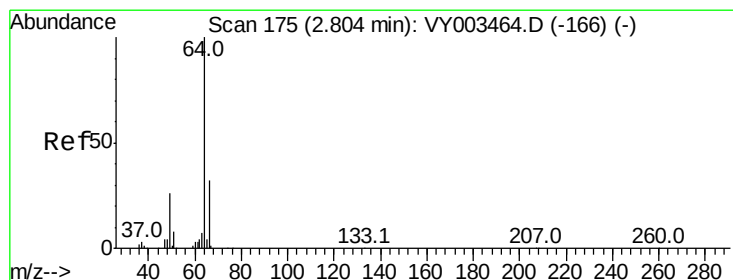
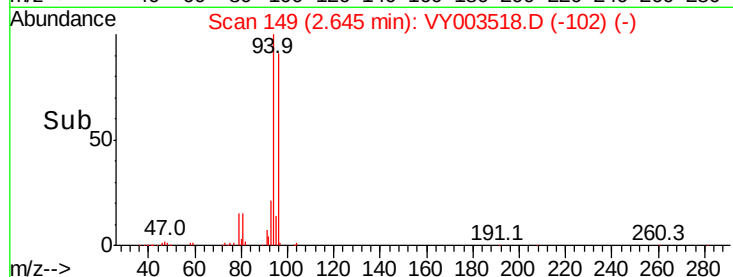
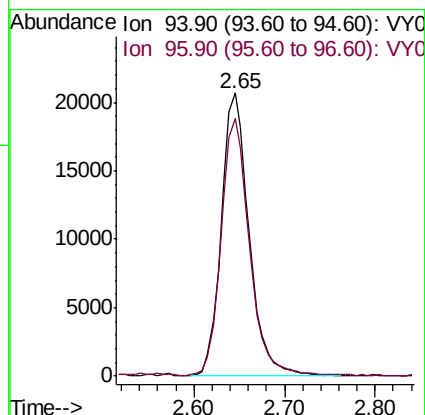
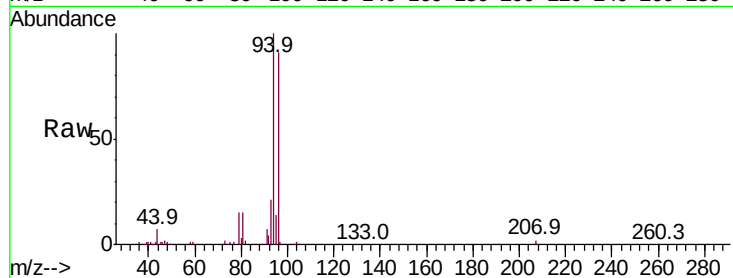
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 44207

Ion Ratio Lower Upper

94 100

96 90.4 74.6 112.0



#6

Chloroethane

Concen: 21.474 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003518.D

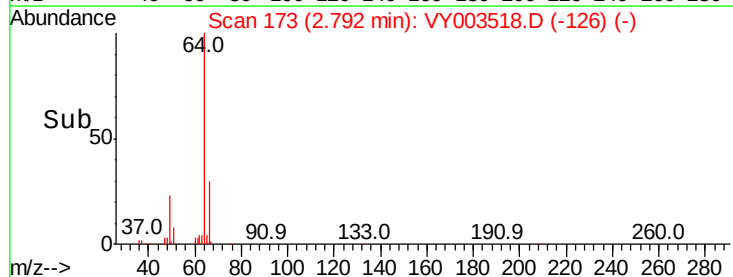
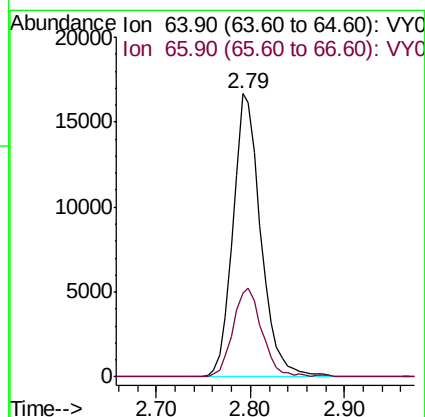
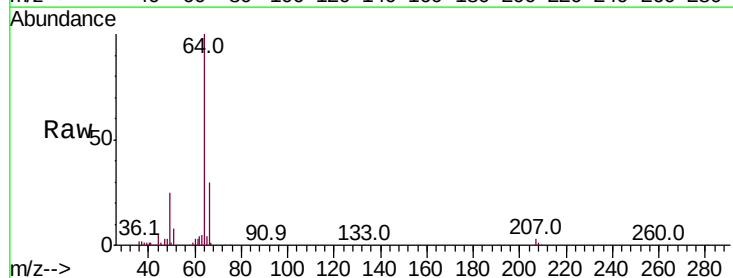
Acq: 05 Nov 2020 11:45

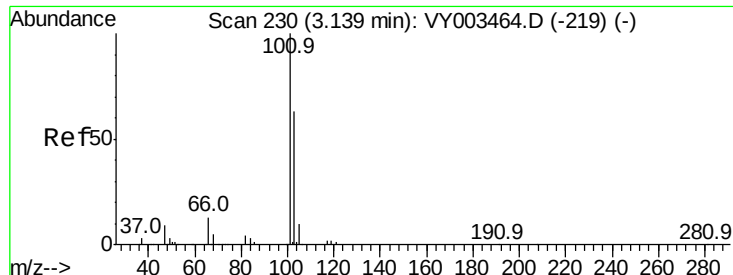
Tgt Ion: 64 Resp: 34276

Ion Ratio Lower Upper

64 100

66 29.6 25.6 38.4



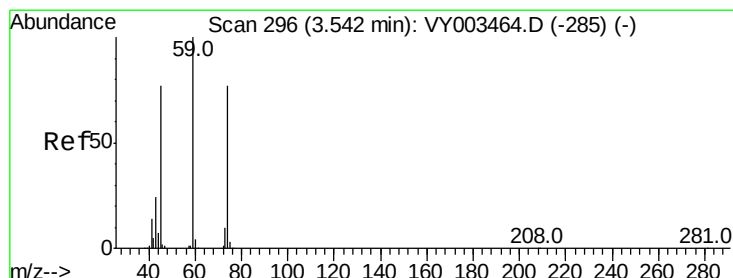
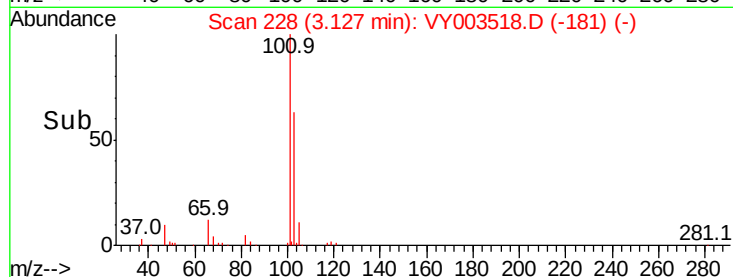
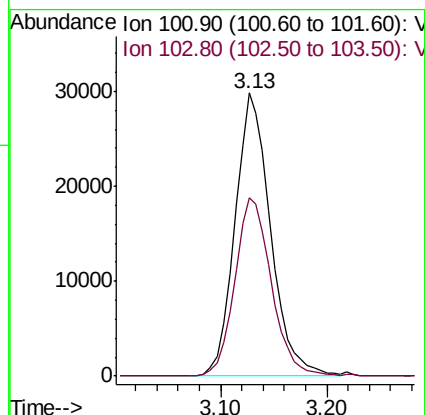
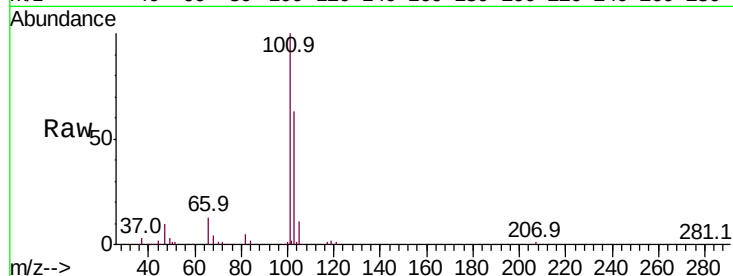


#7

Trichlorofluoromethane
Concen: 20.510 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :

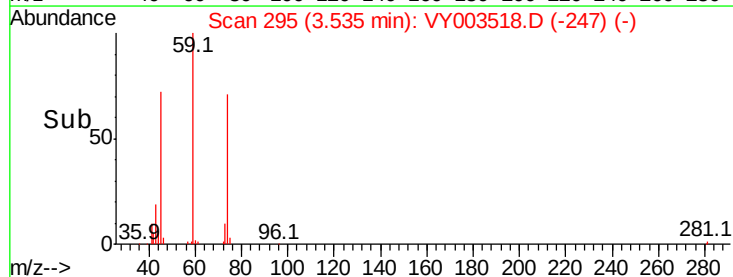
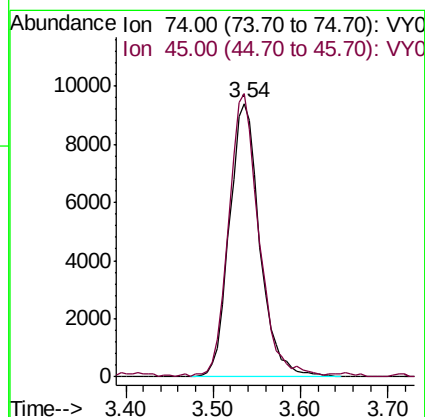
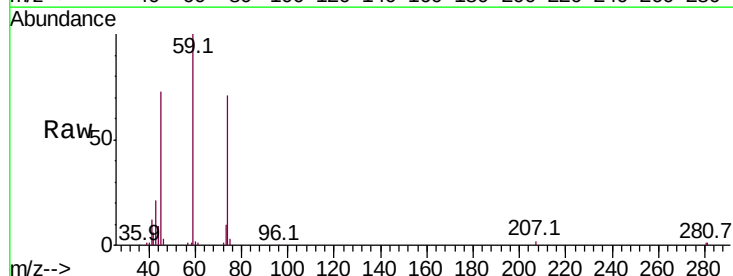
Tot Ion:101 Resp: 69718
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1

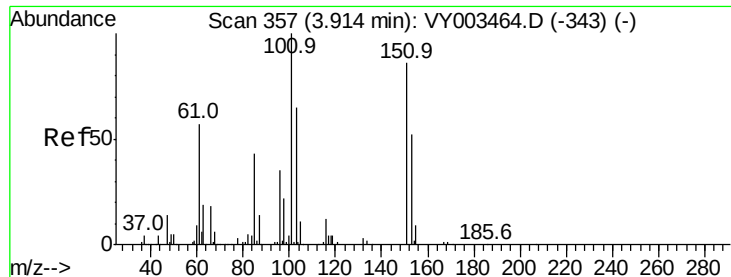


#8

Diethyl Ether
Concen: 21.789 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion: 74 Resp: 22713
Ion Ratio Lower Upper
74 100
45 103.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.108 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

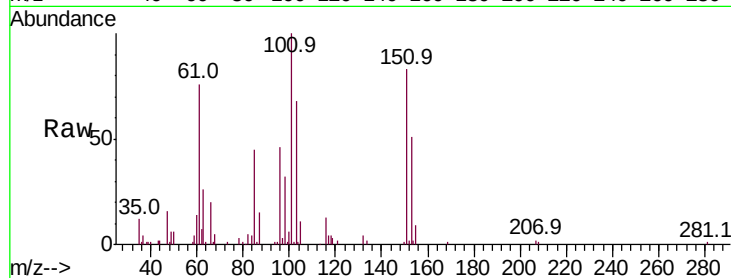
Tot Ion:101 Resp: 39656

Ion Ratio Lower Upper

101 100

85 44.2 35.8 53.8

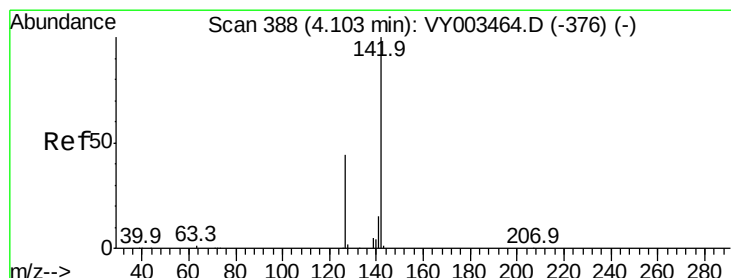
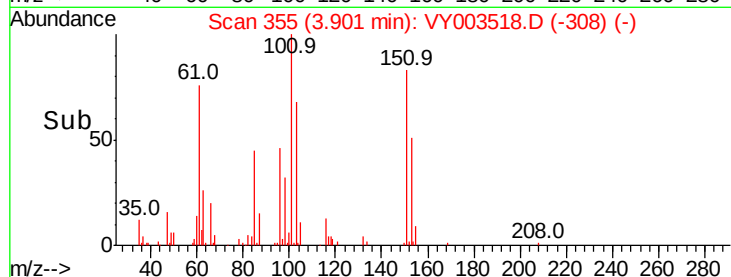
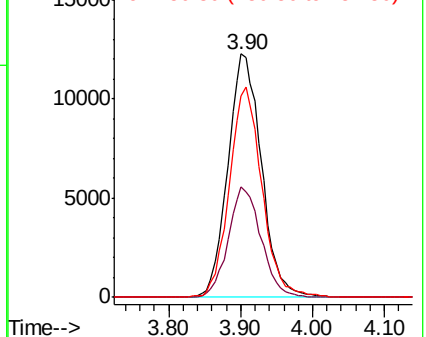
151 83.8 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.376 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

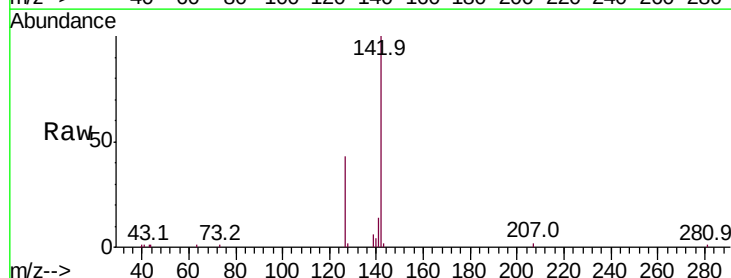
Tgt Ion:142 Resp: 37746

Ion Ratio Lower Upper

142 100

127 43.8 34.5 51.7

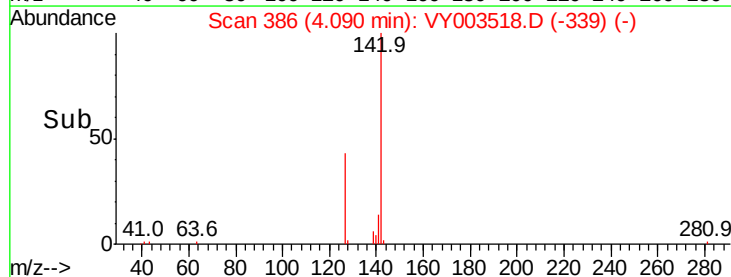
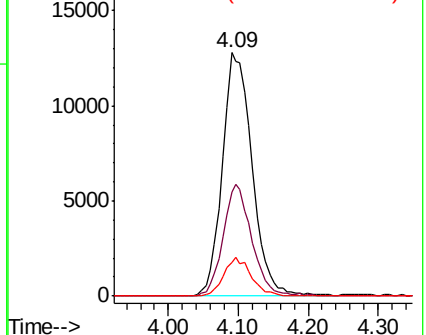
141 14.6 11.8 17.8

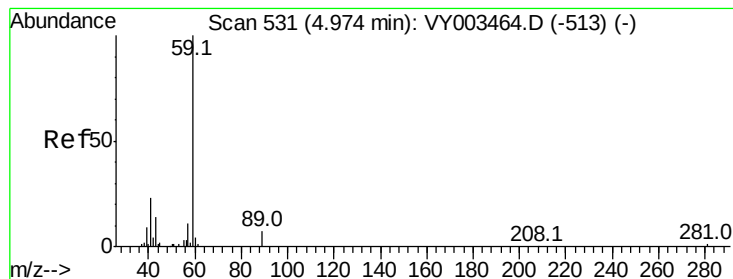


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



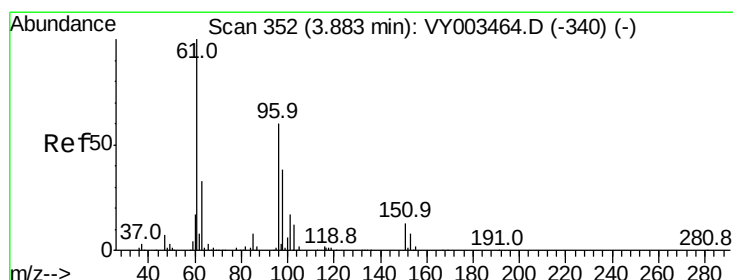
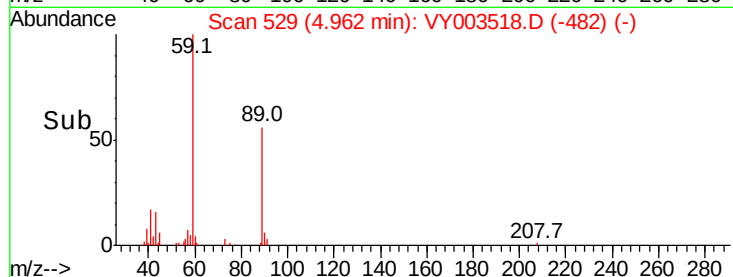
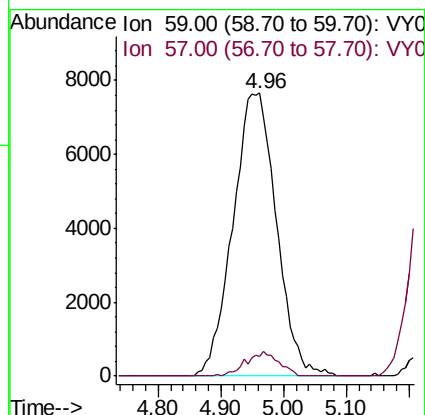
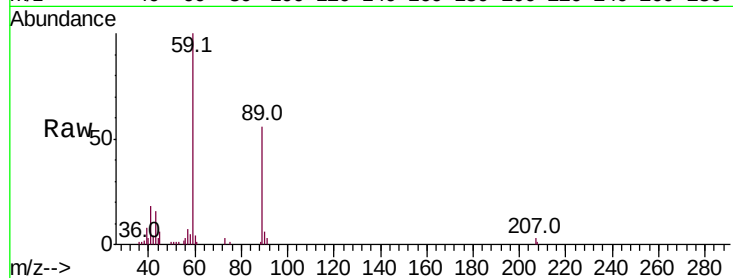


#11

Tert butyl alcohol
 Concen: 148.720 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :

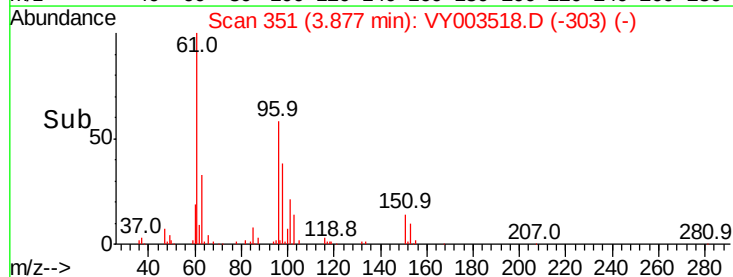
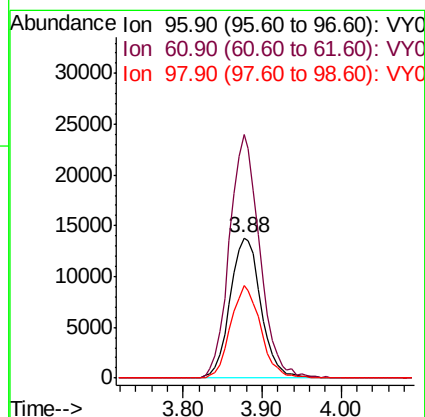
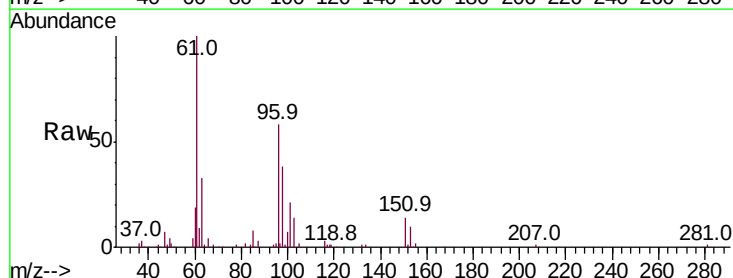
Tot Ion: 59 Resp: 36678
 Ion Ratio Lower Upper
 59 100
 57 6.6 7.9 11.9#

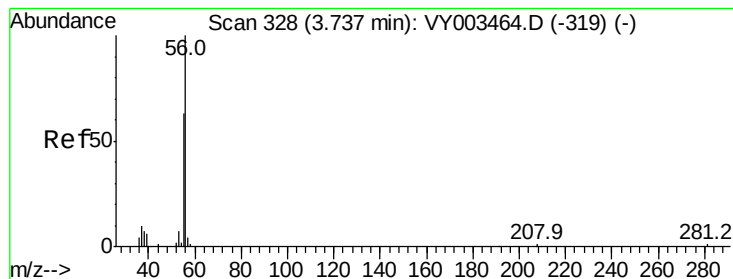


#12

1,1-Dichloroethene
 Concen: 20.173 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion: 96 Resp: 37708
 Ion Ratio Lower Upper
 96 100
 61 173.7 133.6 200.4
 98 65.6 50.2 75.2





#13

Acrolein

Concen: 95.690 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

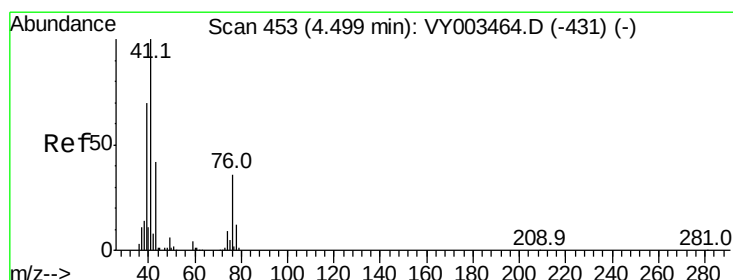
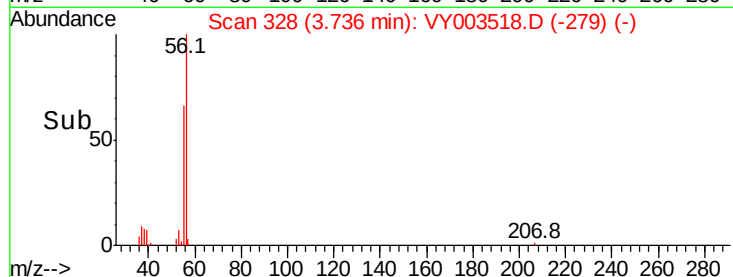
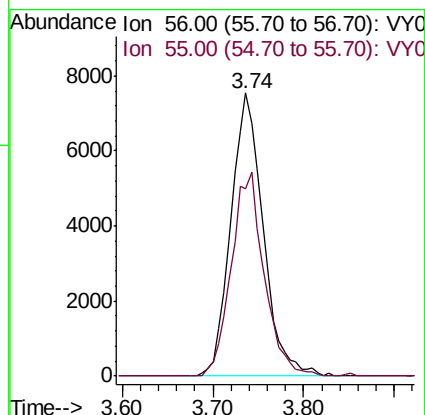
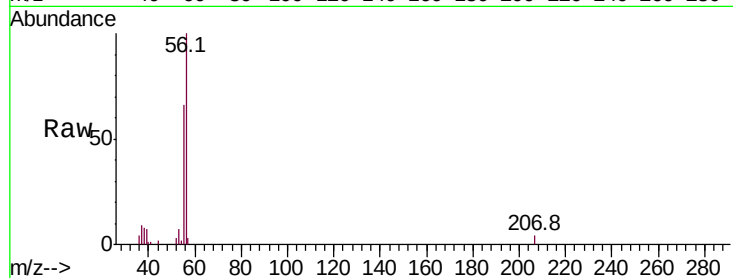
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 18647

Ion Ratio Lower Upper

56 100

55 73.0 56.6 85.0



#14

Allyl chloride

Concen: 20.267 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

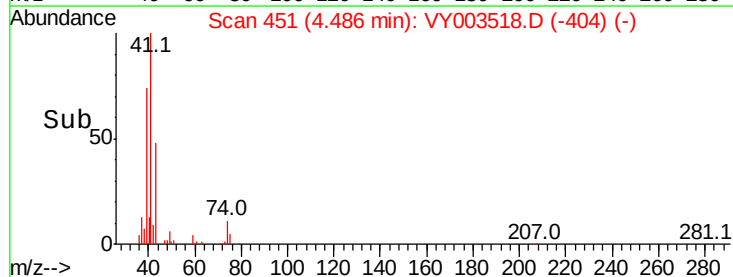
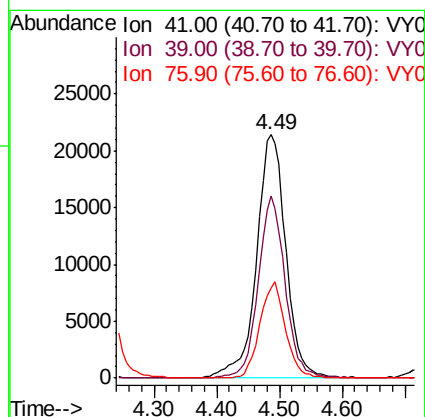
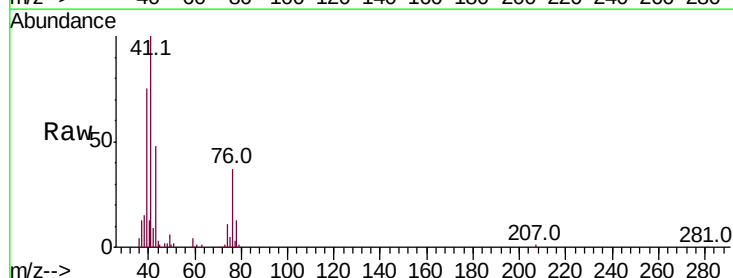
Tgt Ion: 41 Resp: 69117

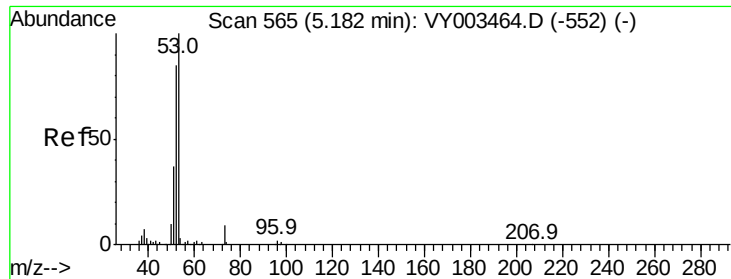
Ion Ratio Lower Upper

41 100

39 68.7 54.4 81.6

76 34.5 27.6 41.4





#15

Acrylonitrile

Concen: 98.526 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

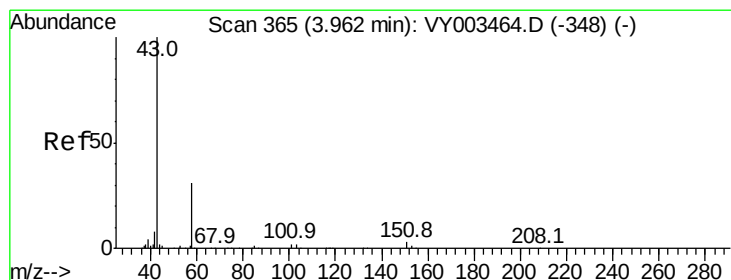
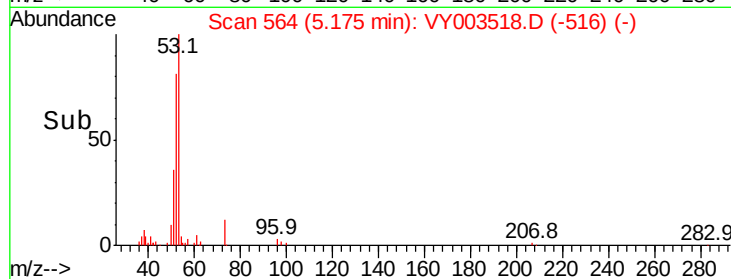
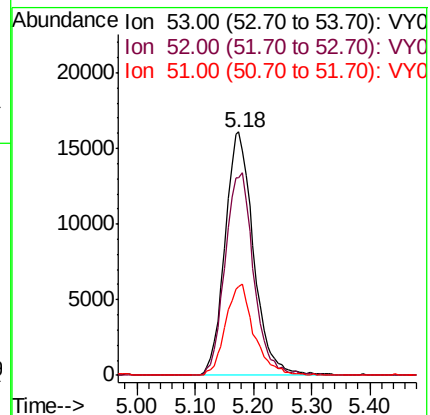
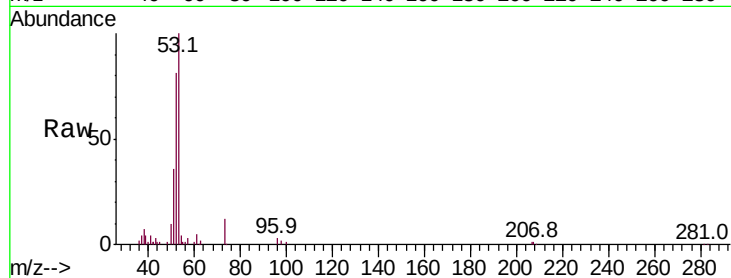
Tot Ion: 53 Resp: 54822

Ion Ratio Lower Upper

53 100

52 82.9 66.9 100.3

51 37.4 29.3 43.9



#16

Acetone

Concen: 87.527 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY003518.D

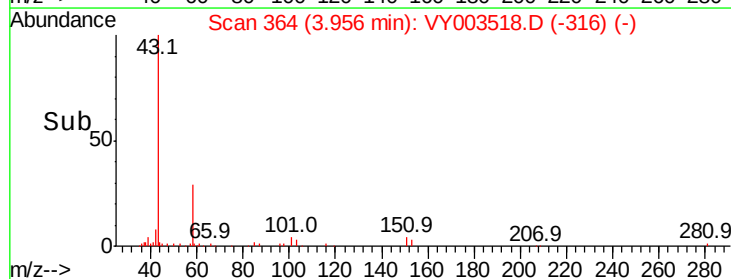
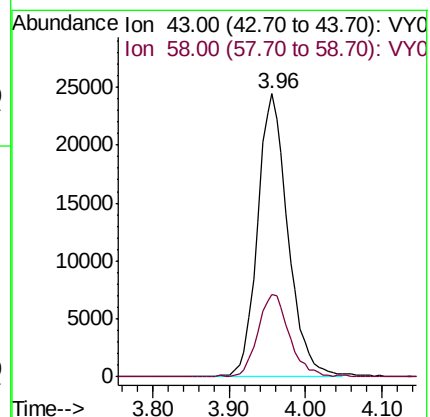
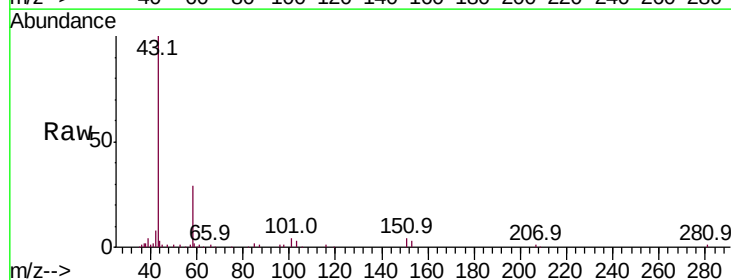
Acq: 05 Nov 2020 11:45

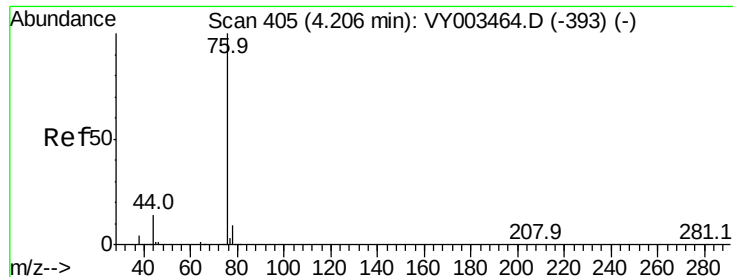
Tgt Ion: 43 Resp: 67799

Ion Ratio Lower Upper

43 100

58 29.1 25.0 37.4





#17

Carbon Disulfide

Concen: 20.027 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

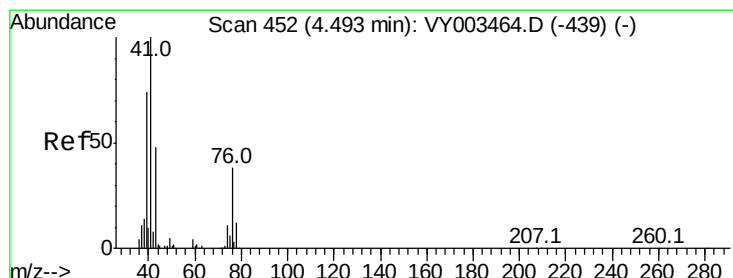
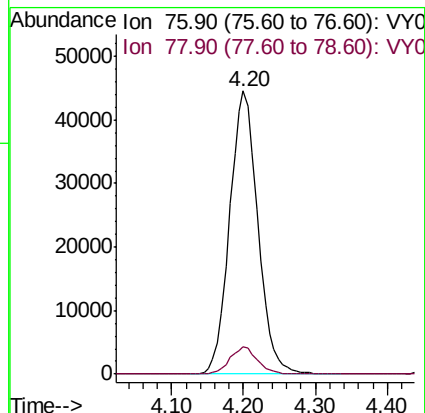
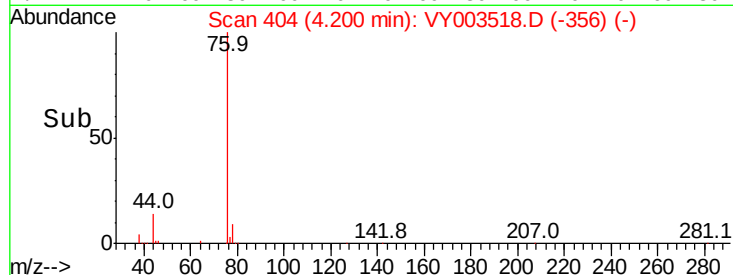
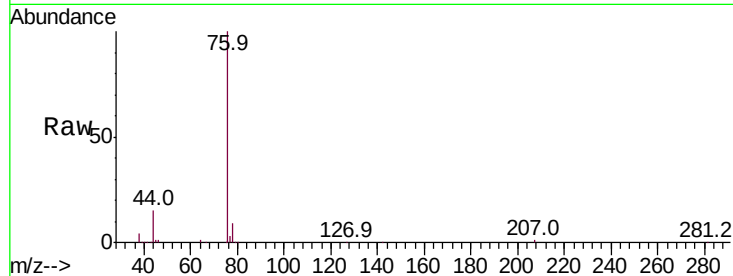
ClientSampleId :

Tot Ion: 76 Resp: 121276

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



#18

Methyl Acetate

Concen: 20.855 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003518.D

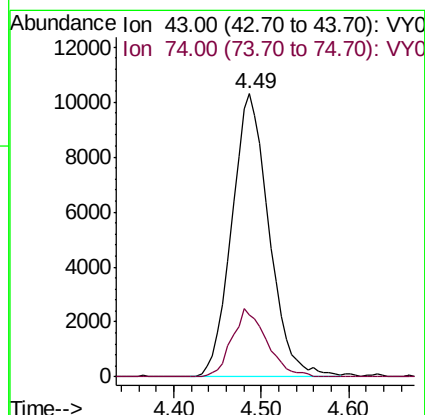
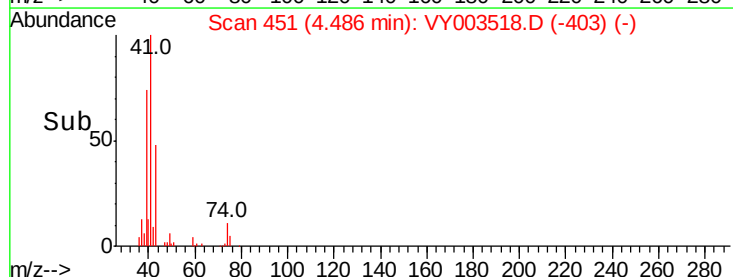
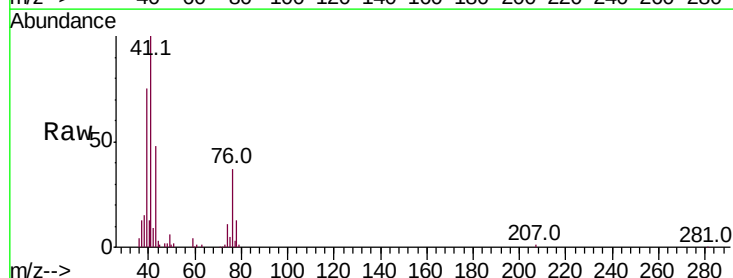
Acq: 05 Nov 2020 11:45

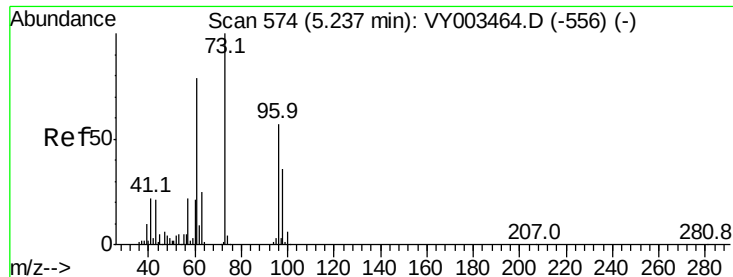
Tgt Ion: 43 Resp: 30528

Ion Ratio Lower Upper

43 100

74 22.6 18.4 27.6

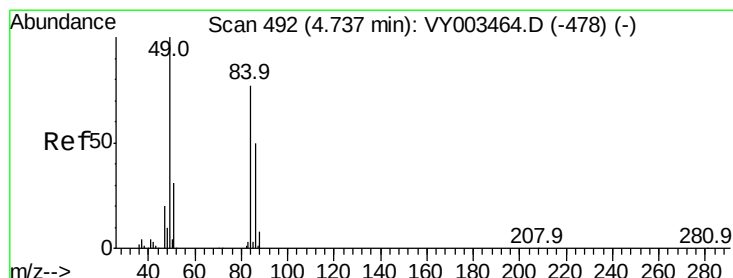
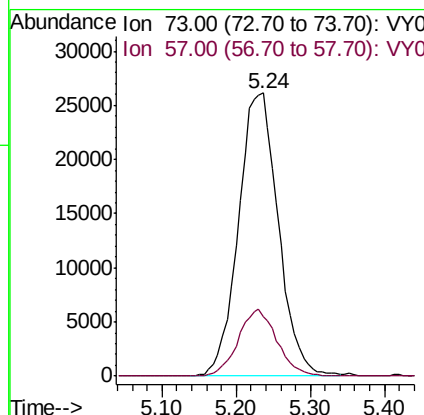
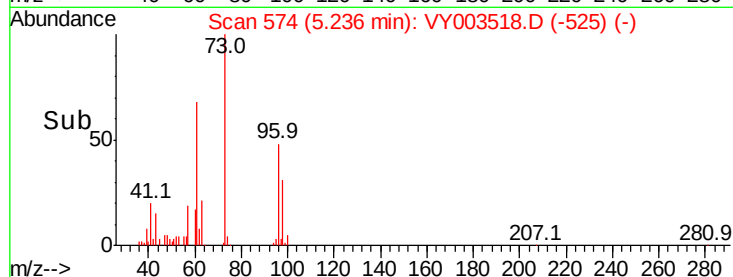
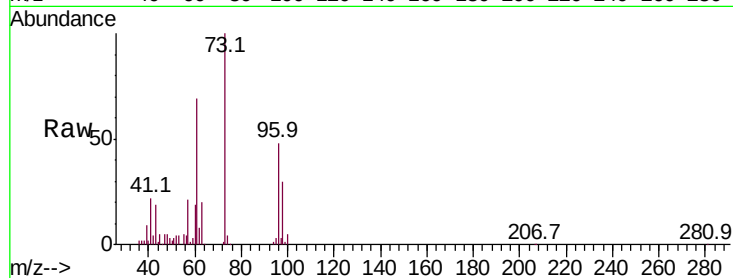




#19
Methyl tert-butyl Ether
Concen: 21.204 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

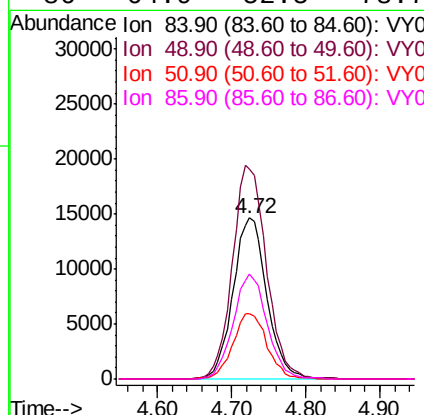
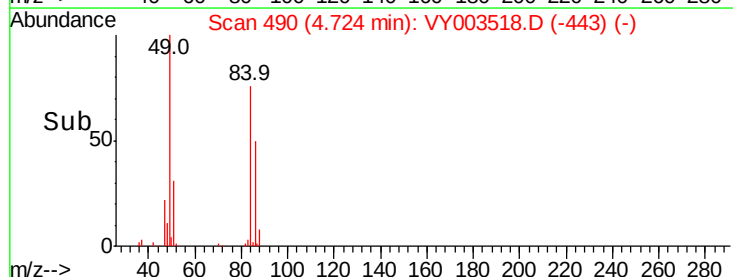
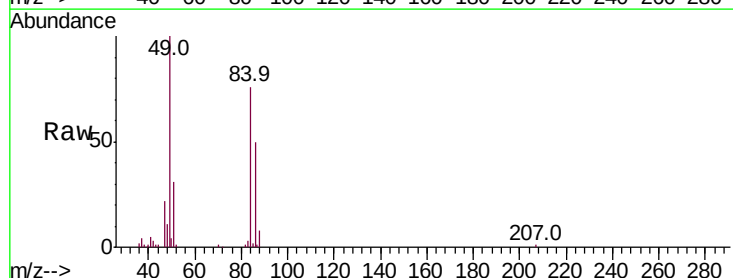
Instrument :
MSVOA_Y
ClientSampleId :

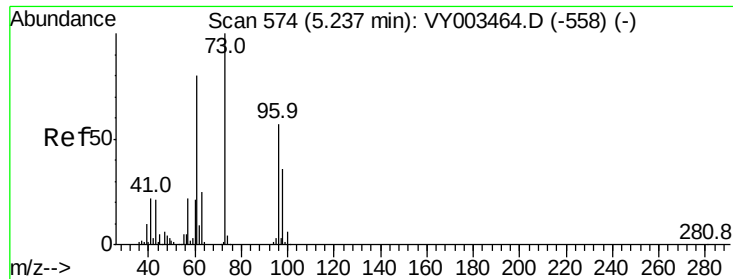
Tot Ion: 73 Resp: 98170
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8



#20
Methylene Chloride
Concen: 21.347 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion: 84 Resp: 46568
Ion Ratio Lower Upper
84 100
49 130.8 104.3 156.5
51 40.6 32.5 48.7
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.451 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampled :

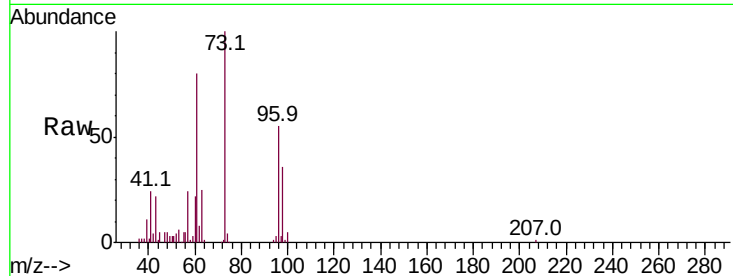
Tot Ion: 96 Resp: 44265

Ion Ratio Lower Upper

96 100

61 145.5 111.3 166.9

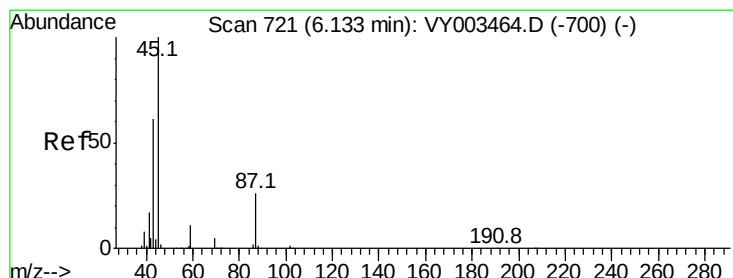
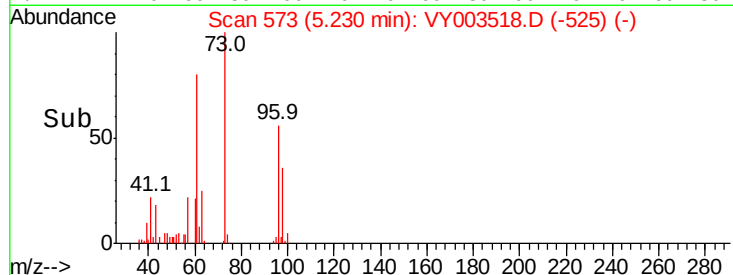
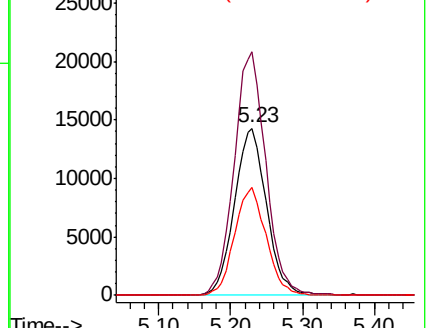
98 64.5 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.217 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion: 45 Resp: 132892

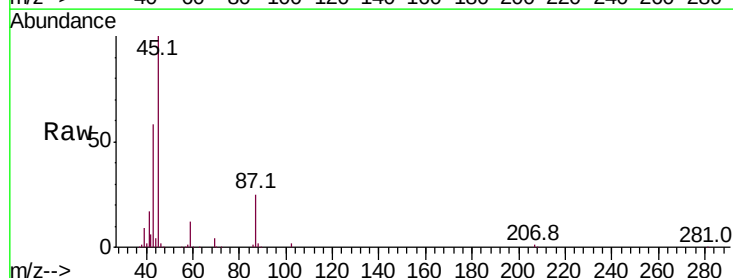
Ion Ratio Lower Upper

45 100

43 57.7 48.8 73.2

87 24.7 20.6 31.0

59 12.0 9.0 13.4

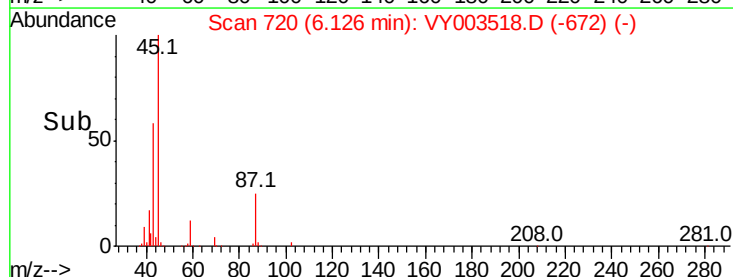
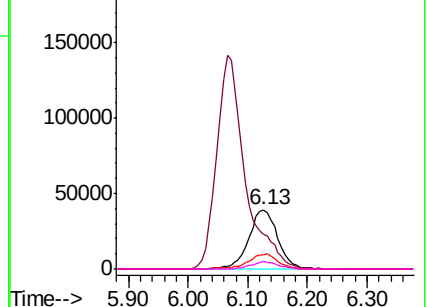


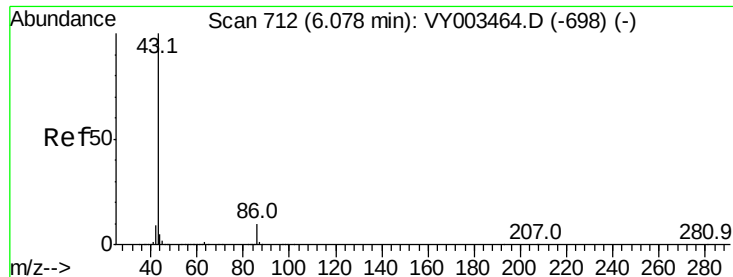
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 104.393 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

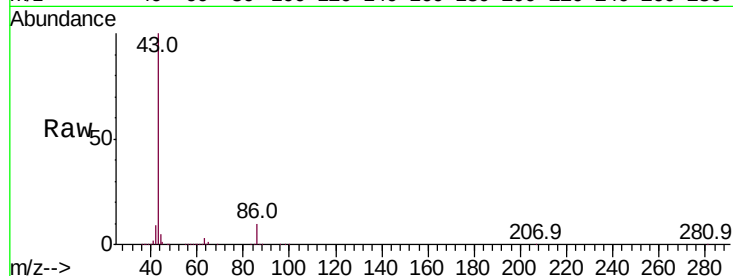
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 469244

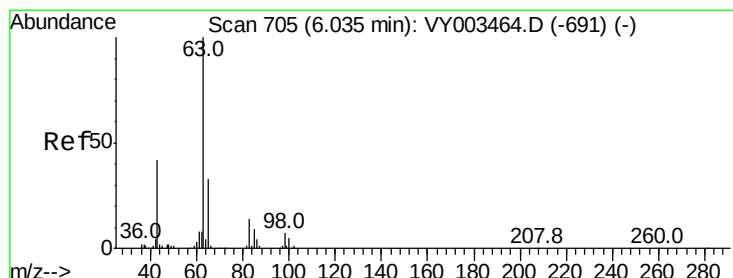
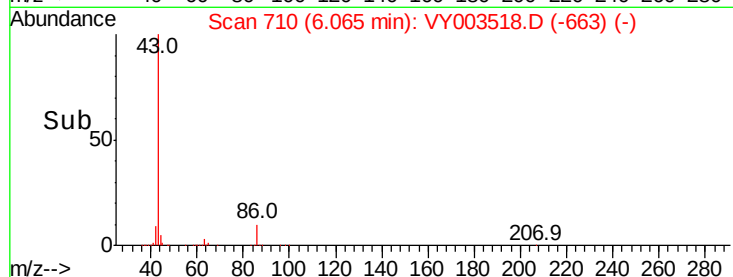
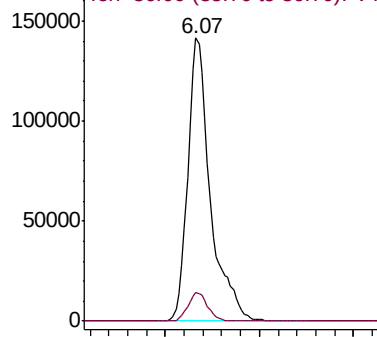
Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.391 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

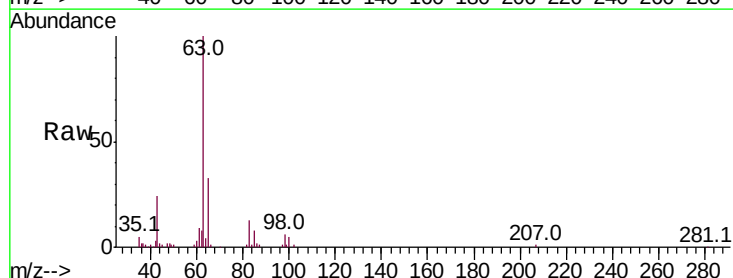
Tgt Ion: 63 Resp: 81310

Ion Ratio Lower Upper

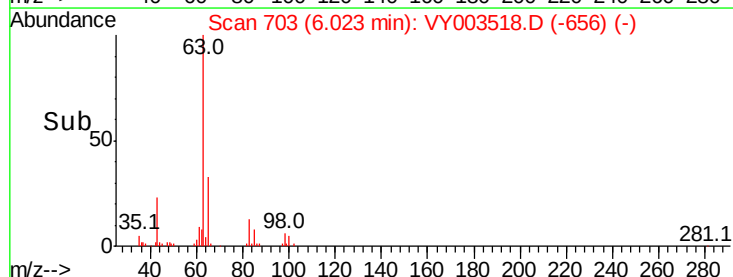
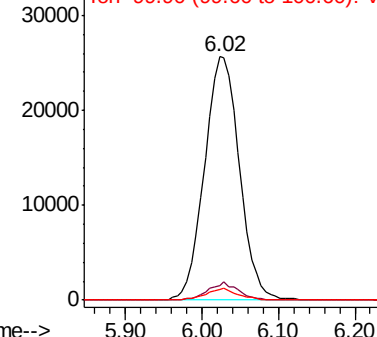
63 100

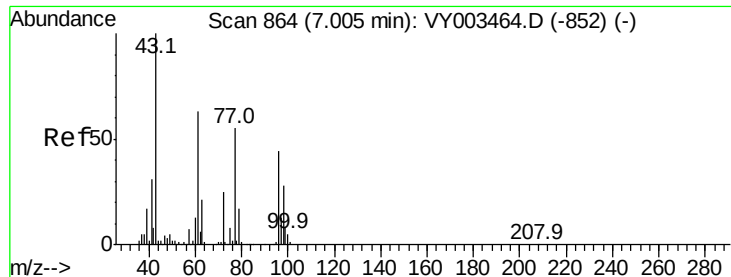
98 6.1 3.6 10.8

100 4.5 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 93.116 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

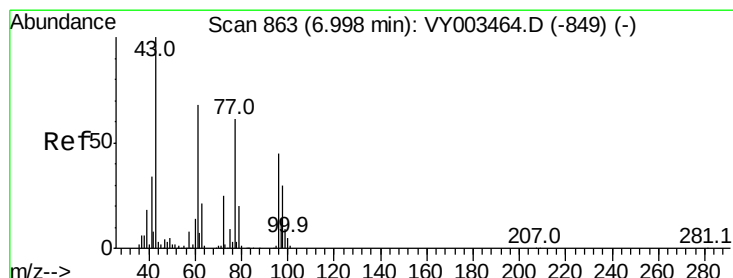
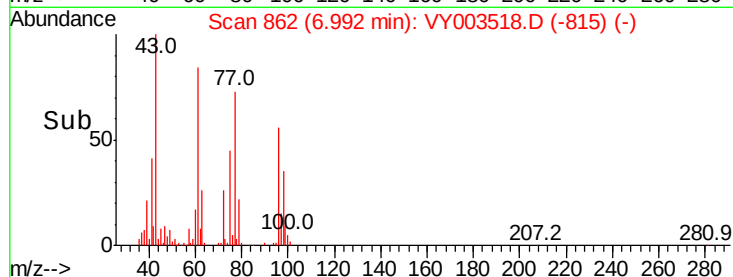
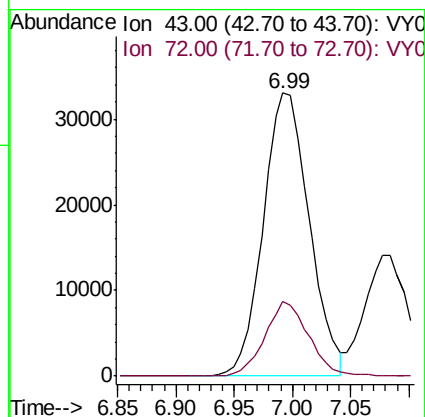
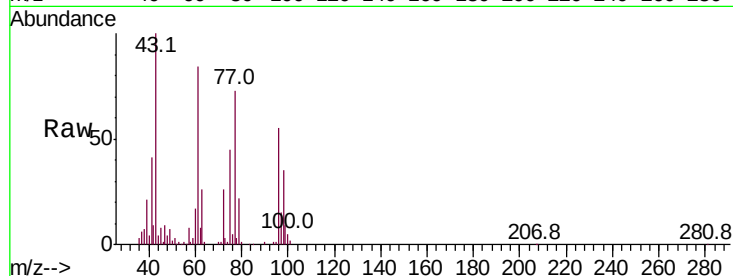
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 90212

Ion Ratio Lower Upper

43 100

72 26.2 20.1 30.1



#26

2,2-Dichloropropane

Concen: 20.920 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003518.D

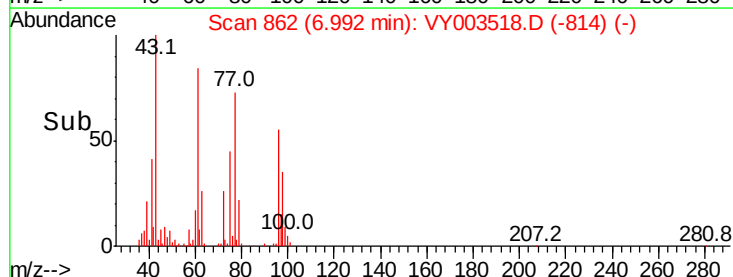
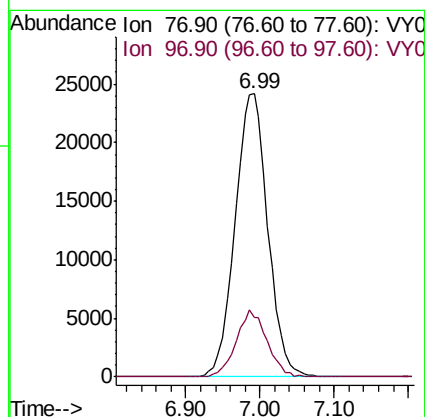
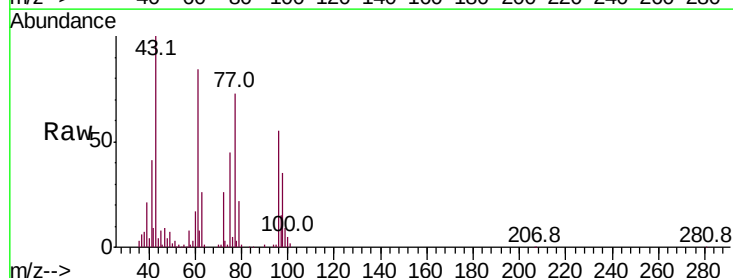
Acq: 05 Nov 2020 11:45

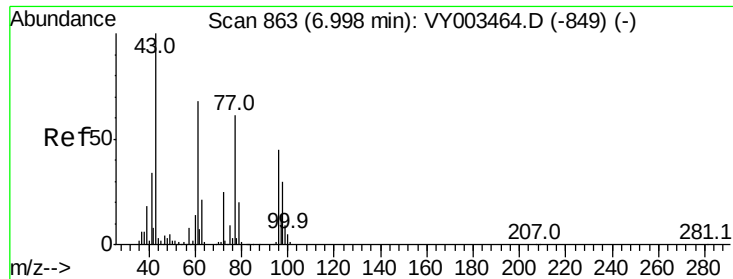
Tgt Ion: 77 Resp: 74081

Ion Ratio Lower Upper

77 100

97 22.1 11.2 33.6



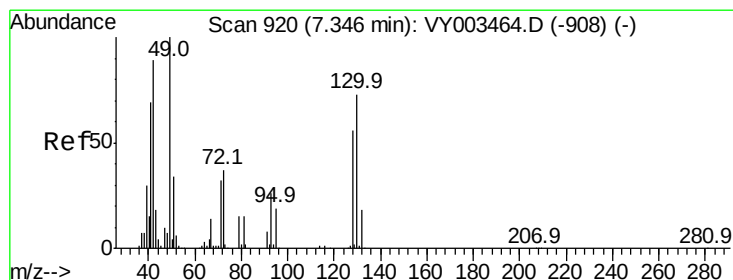
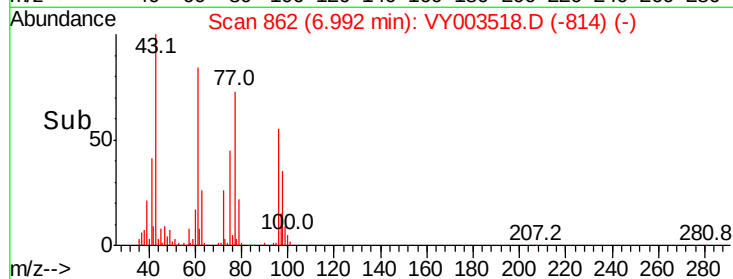
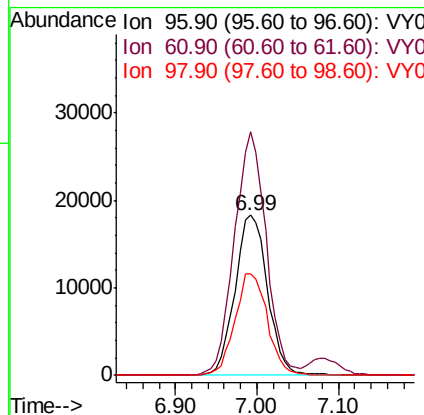
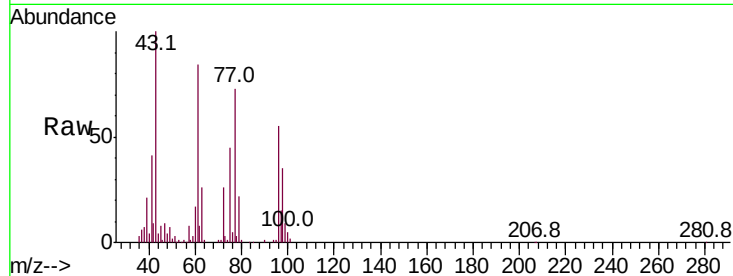


#27

cis-1,2-Dichloroethene
 Concen: 21.475 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :

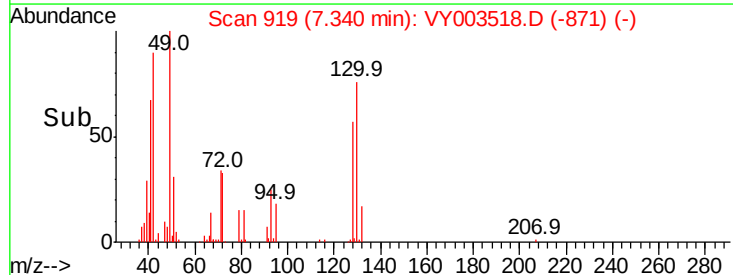
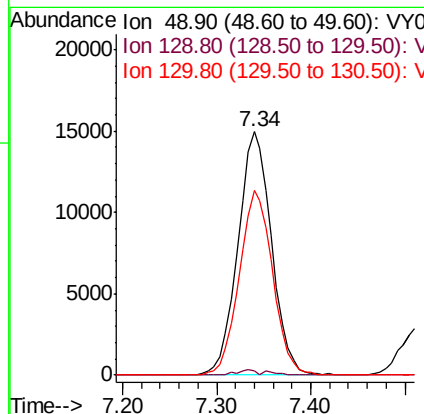
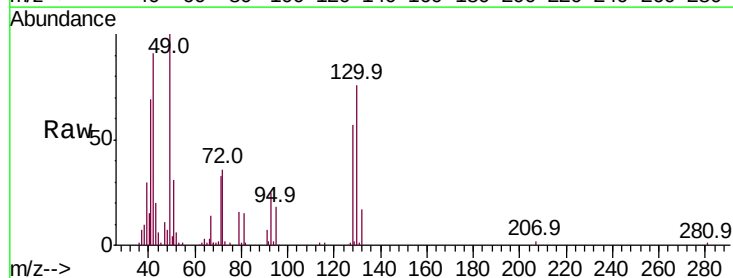
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.8	0.0	299.2
98	63.6	0.0	128.6

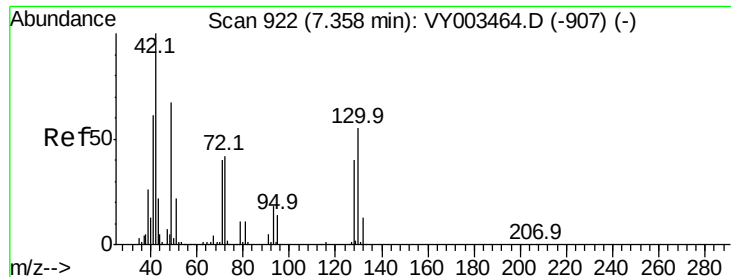


#28

Bromochloromethane
 Concen: 19.485 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.2
130	75.3	60.0	90.0

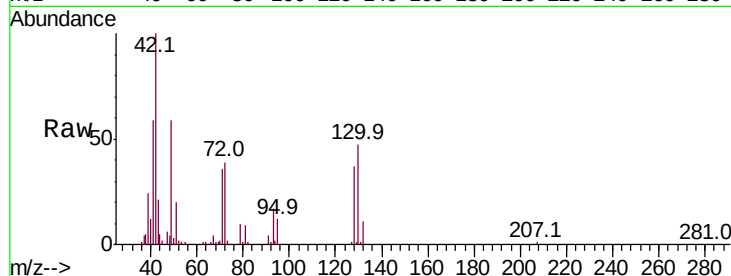




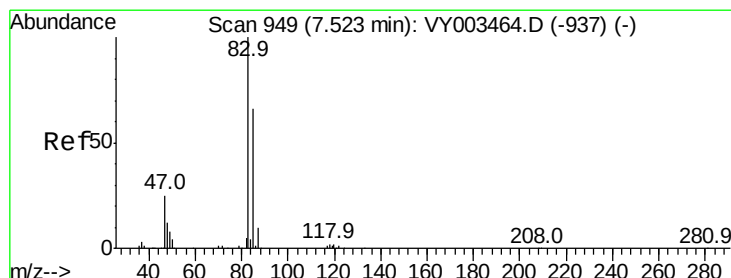
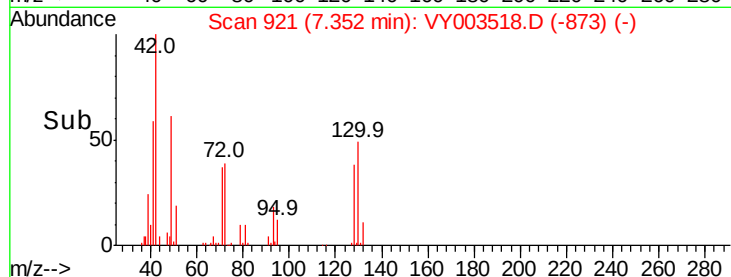
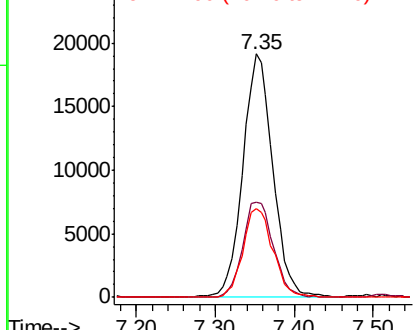
#29
Tetrahydrofuran
Concen: 99.969 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	32.8	49.2
71	36.5	30.7	46.1

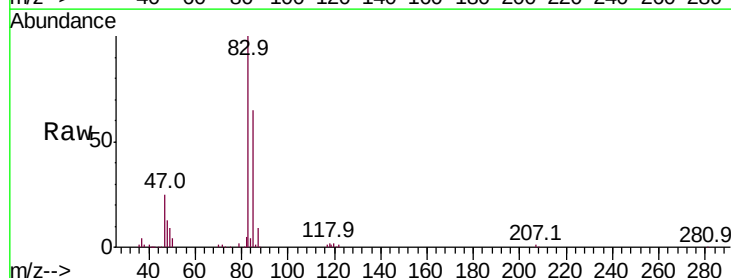


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

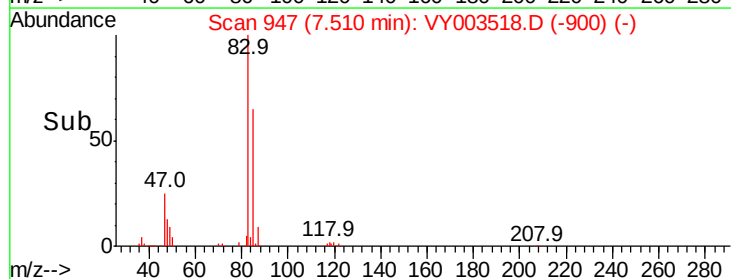
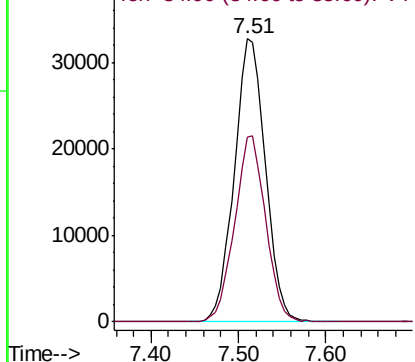


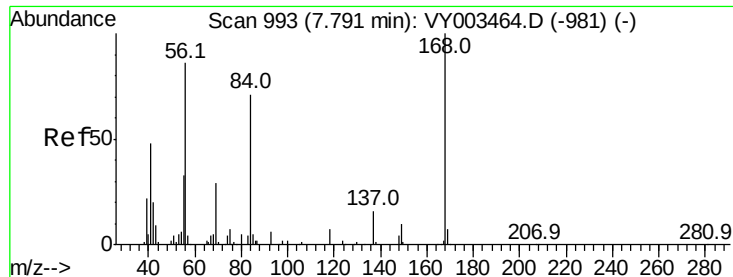
#30
Chloroform
Concen: 21.702 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	79.0



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0

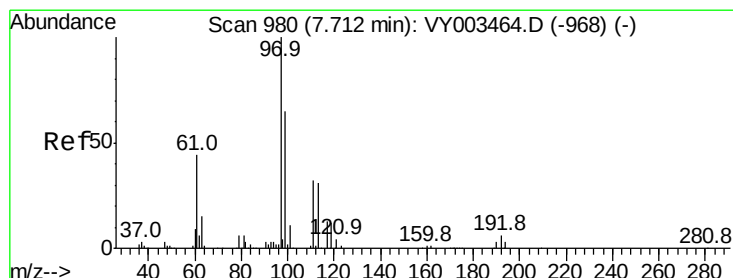
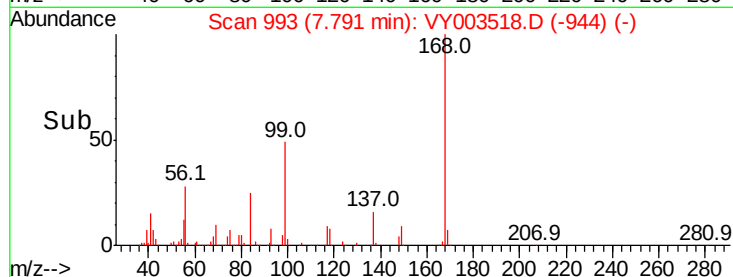
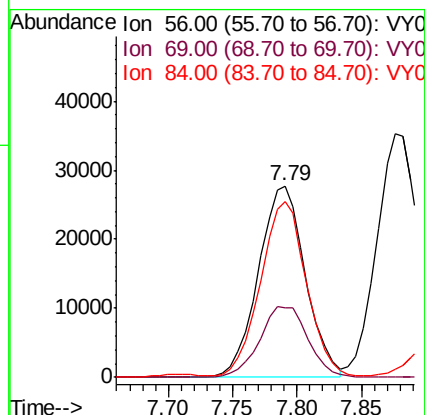
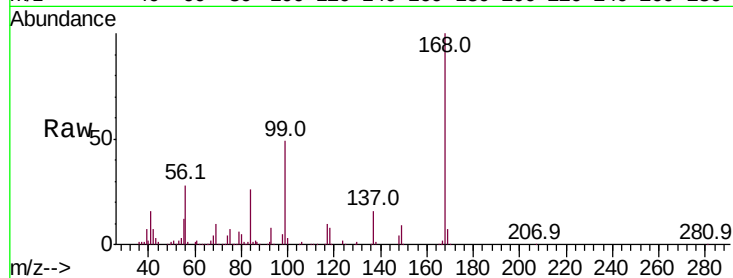




#31
Cyclohexane
Concen: 19.861 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

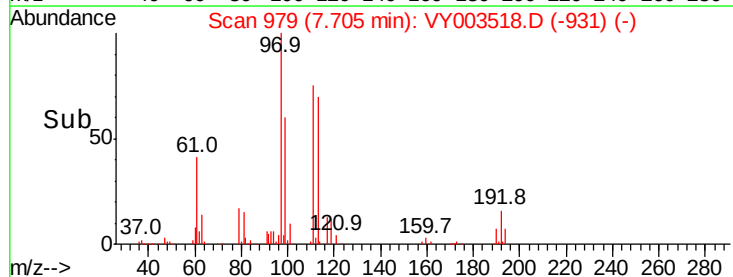
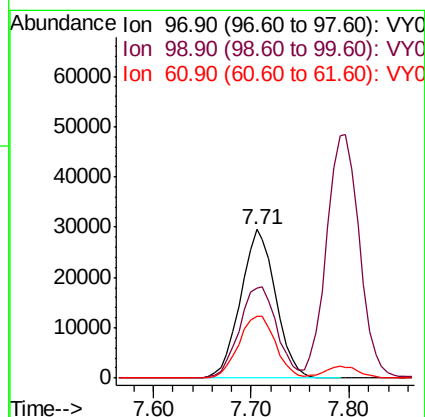
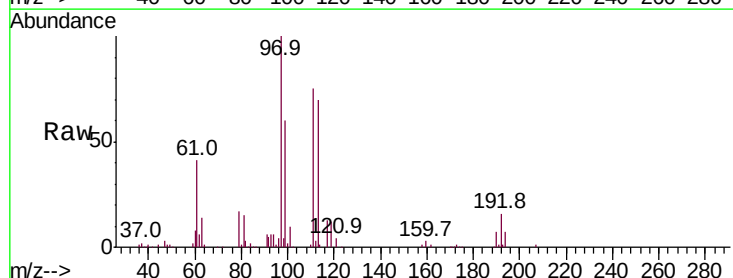
Instrument :
MSVOA_Y
ClientSampled :

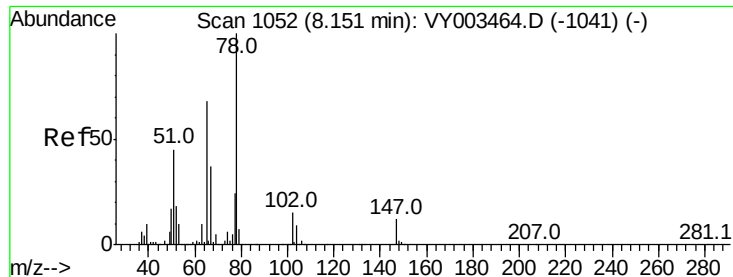
Tot Ion: 56 Resp: 69901
Ion Ratio Lower Upper
56 100
69 36.3 26.6 39.8
84 90.1 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 21.107 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion: 97 Resp: 73514
Ion Ratio Lower Upper
97 100
99 66.1 51.6 77.4
61 44.0 35.1 52.7

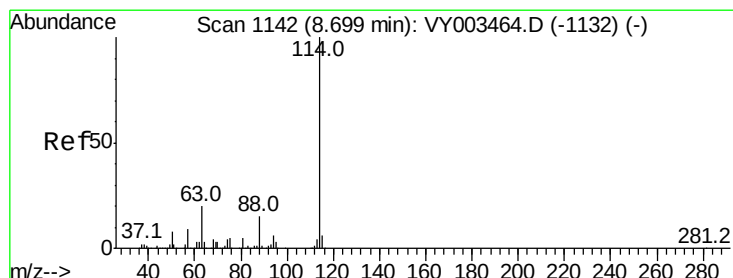
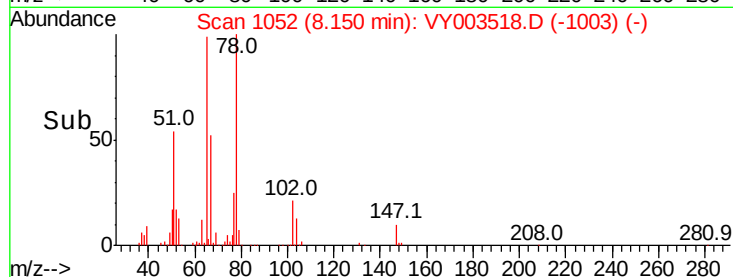
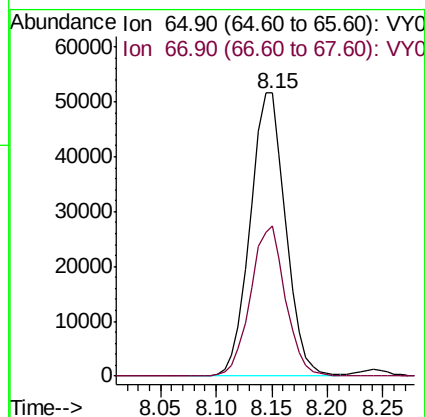
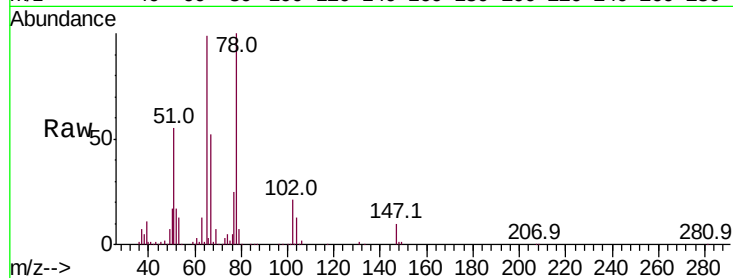




#33
 1,2-Dichloroethane-d4
 Concen: 48.756 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

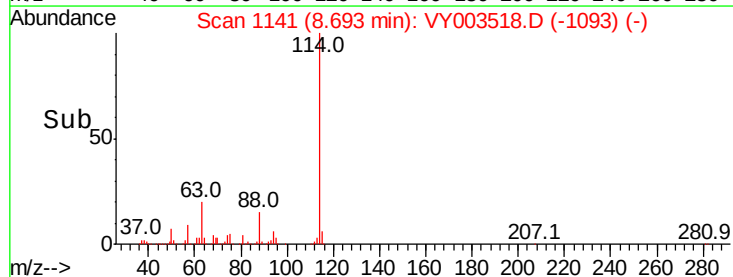
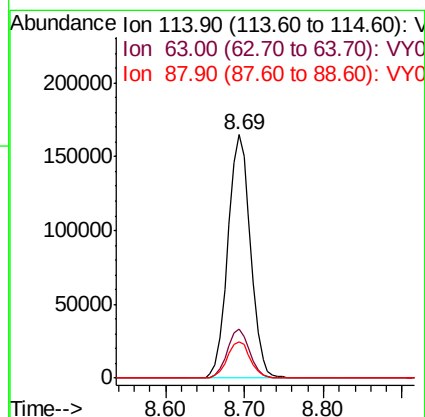
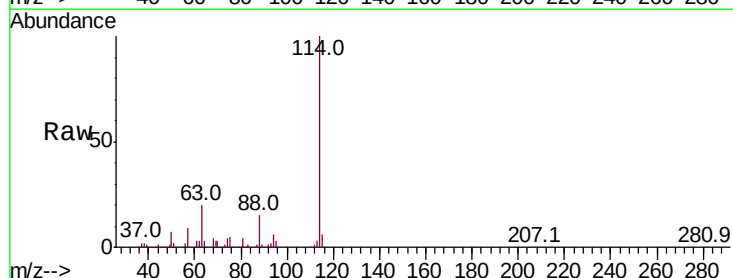
Instrument :
 MSVOA_Y
 ClientSampled :

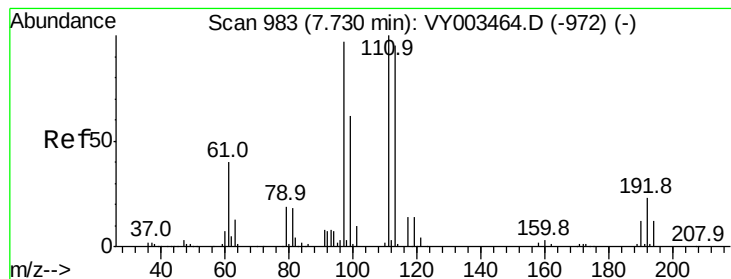
Tot Ion: 65 Resp: 114485
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion: 114 Resp: 327719
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.319 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

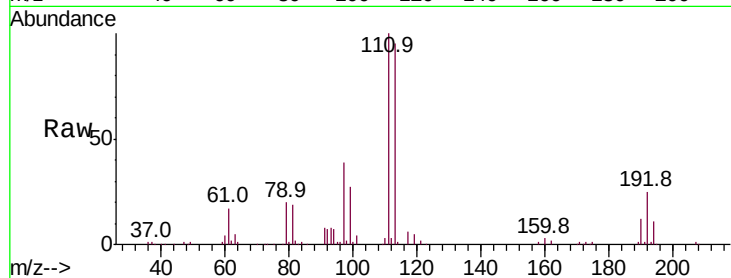
Tot Ion:113 Resp: 98355

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

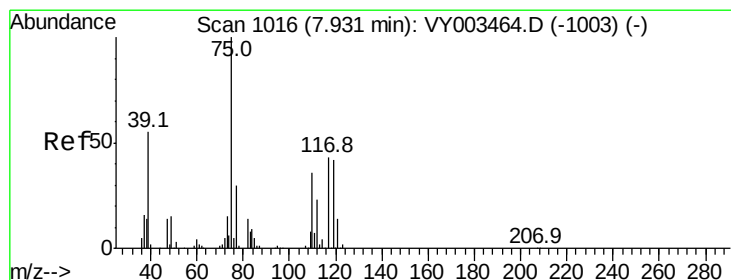
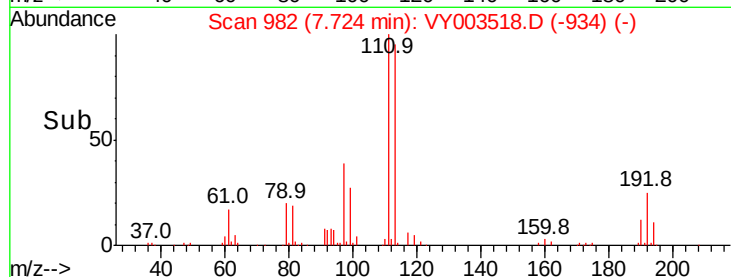
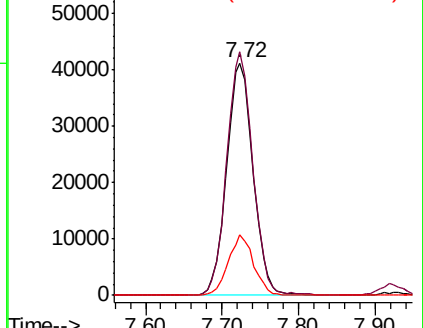
192 24.8 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.550 ug/l

RT: 7.92 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

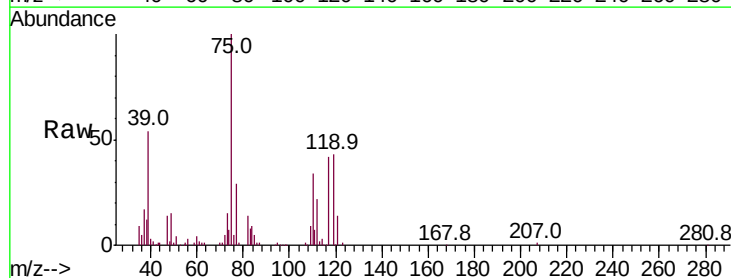
Tgt Ion: 75 Resp: 63498

Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

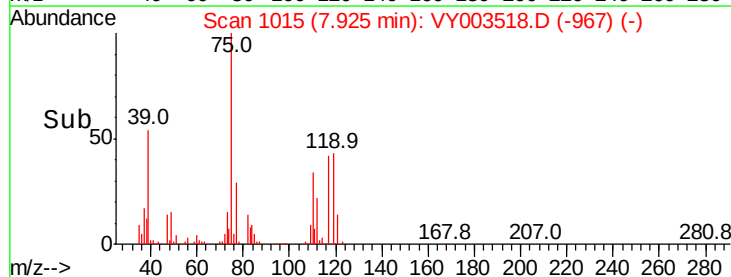
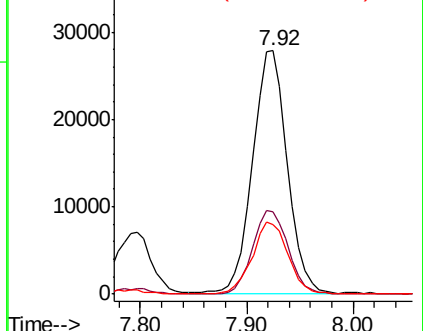
77 30.8 24.7 37.1

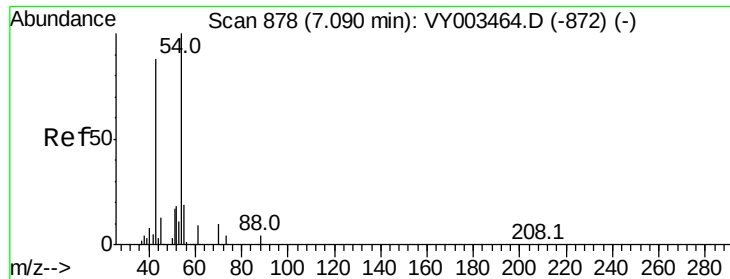


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

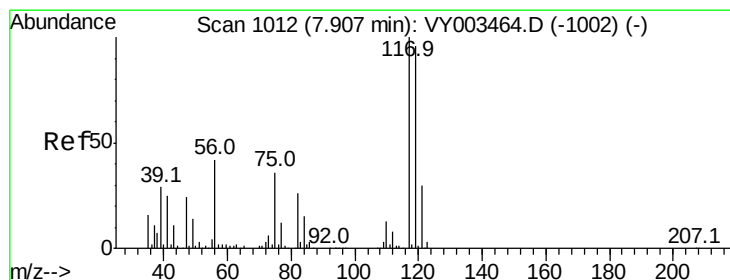
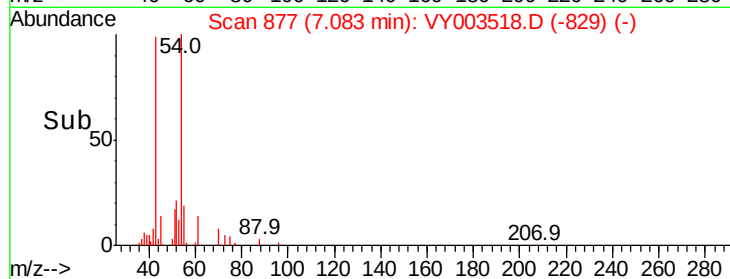
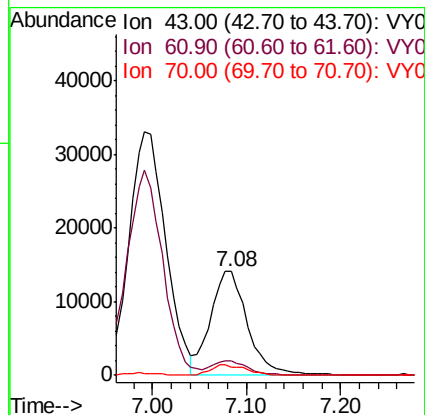
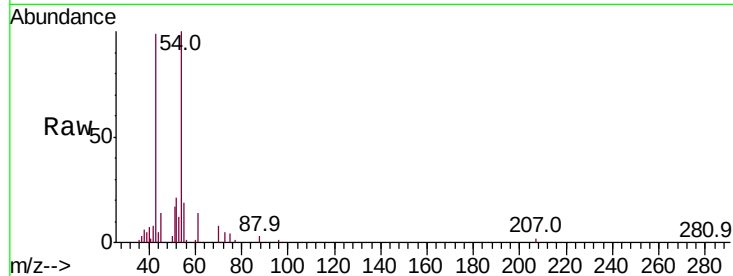




#37
Ethyl Acetate
Concen: 19.782 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

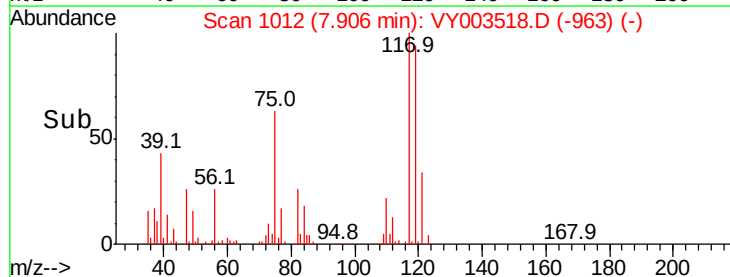
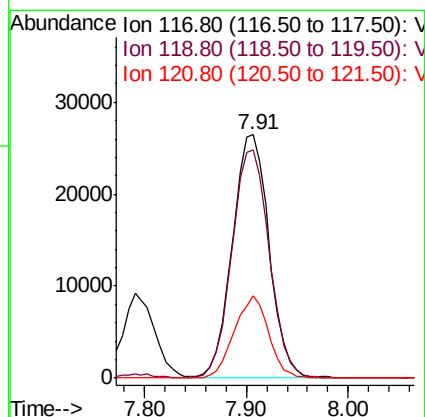
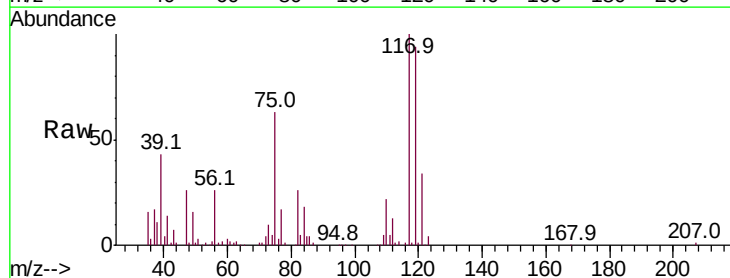
Instrument :
MSVOA_Y
ClientSampled :

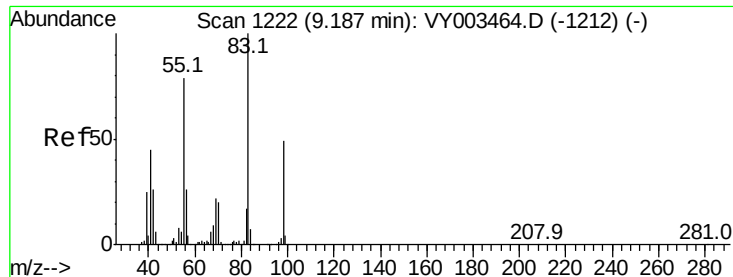
Tot Ion: 43 Resp: 37956
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.6
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.627 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion: 117 Resp: 66120
Ion Ratio Lower Upper
117 100
119 93.7 76.2 114.4
121 33.7 24.2 36.4

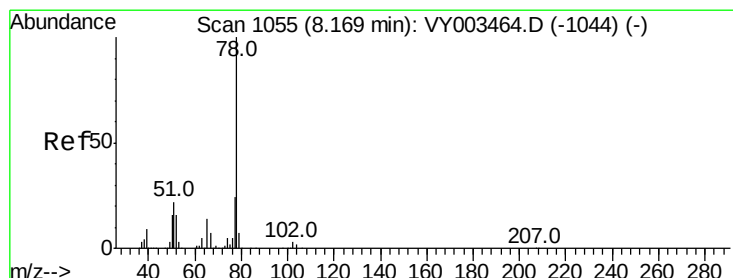
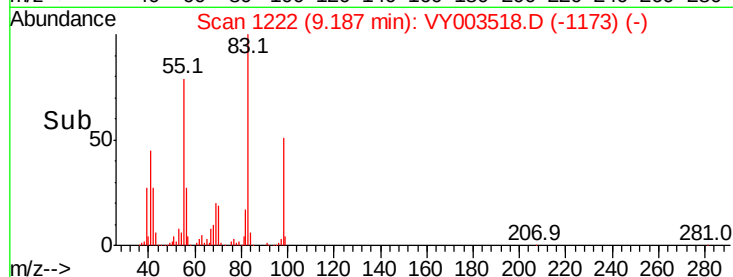
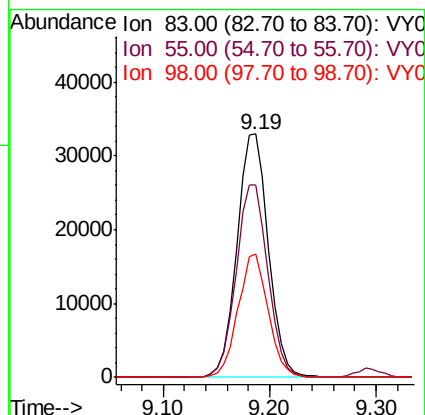
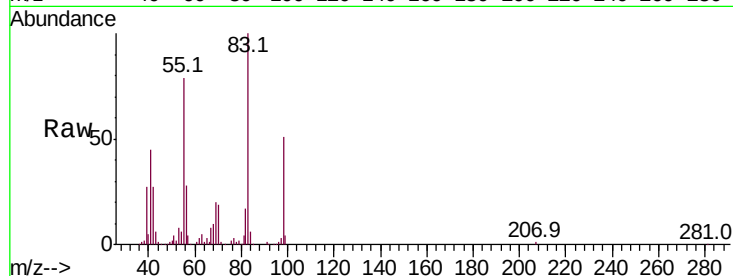




#39
Methylvlcyclohexane
Concen: 19.848 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

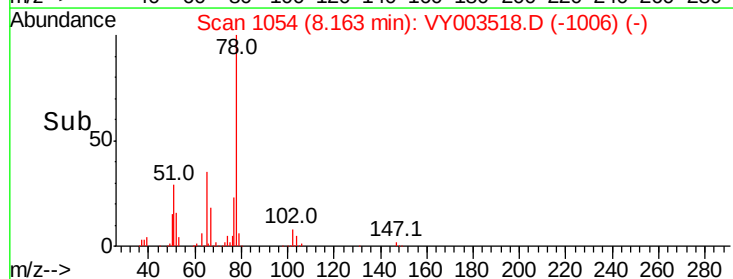
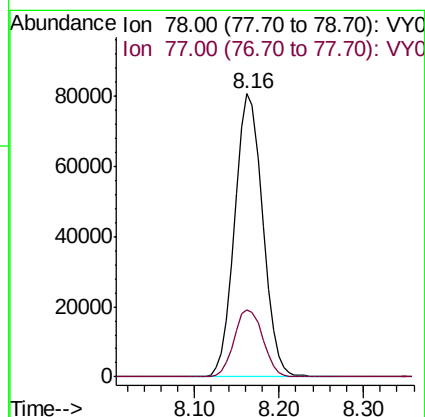
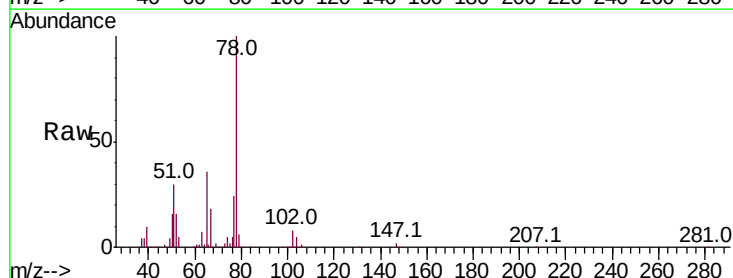
Instrument :
MSVOA_Y
ClientSampleId :

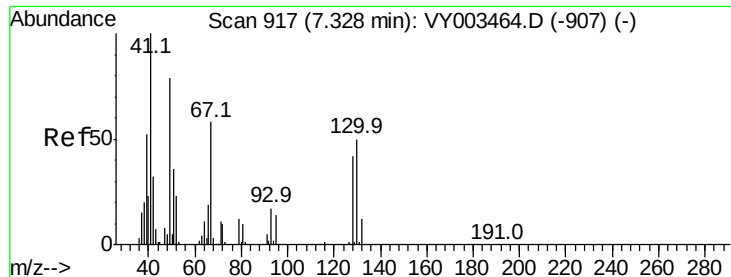
Tot Ion: 83 Resp: 68287
Ion Ratio Lower Upper
83 100
55 78.9 63.5 95.3
98 50.5 39.4 59.2



#40
Benzene
Concen: 21.097 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion: 78 Resp: 181411
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

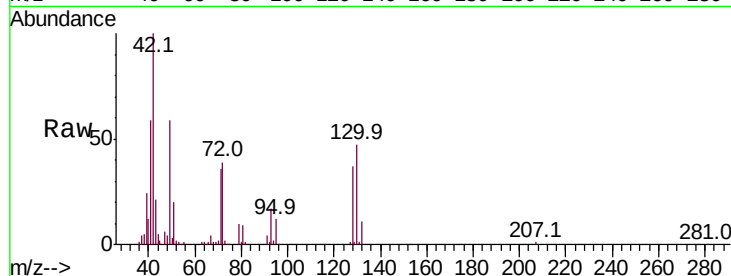




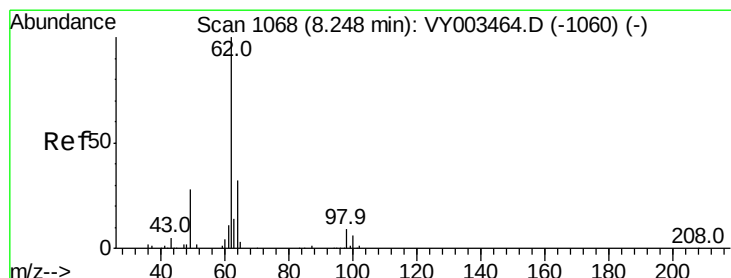
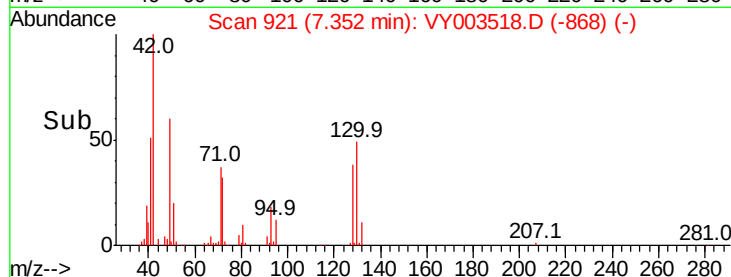
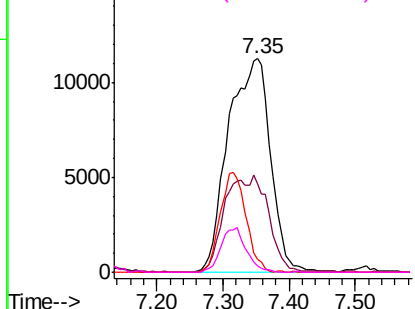
#41
Methacrylonitrile
Concen: 48.653 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	49849
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

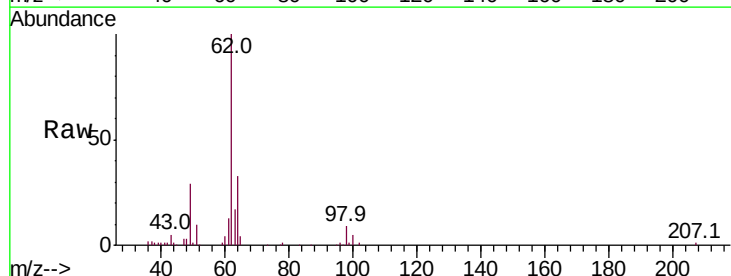


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

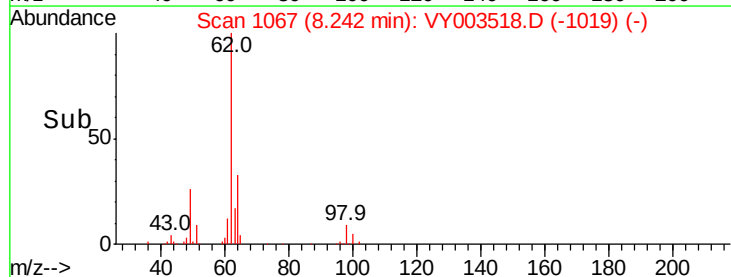
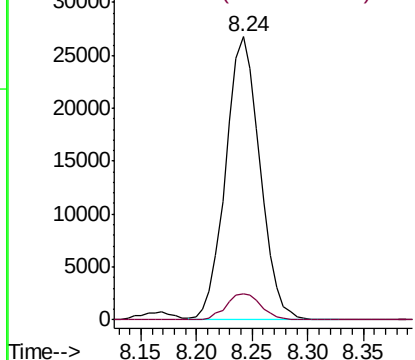


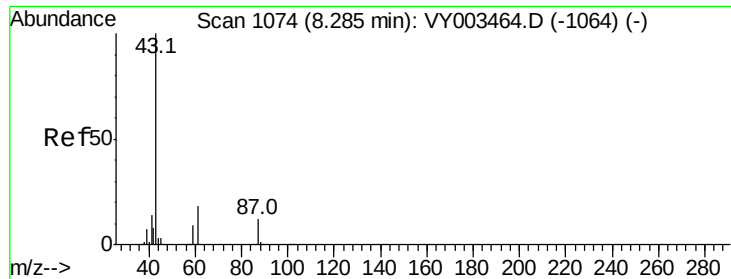
#42
1,2-Dichloroethane
Concen: 21.282 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion:	62	Resp:	57341
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.180 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

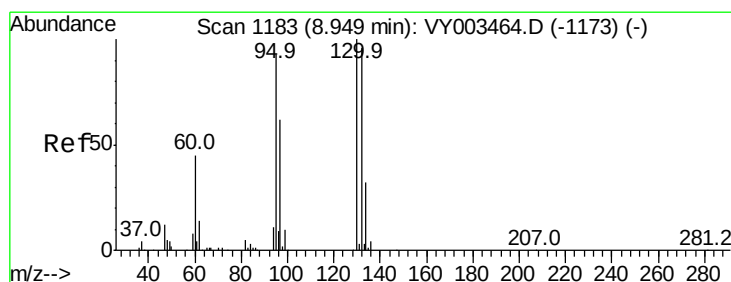
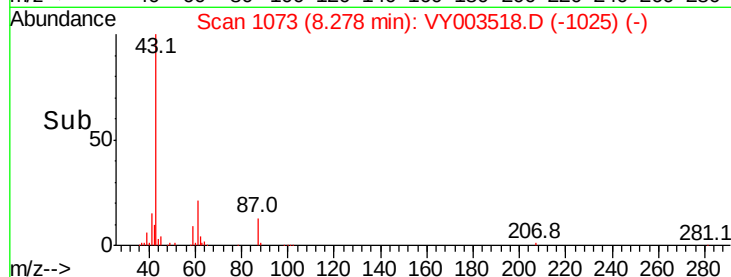
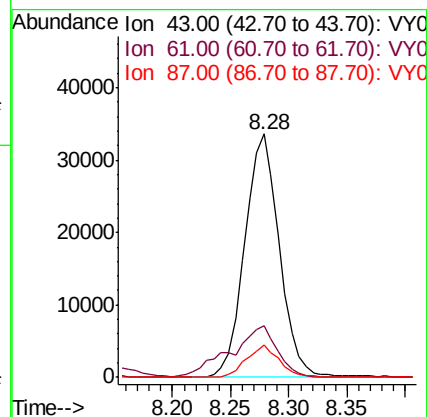
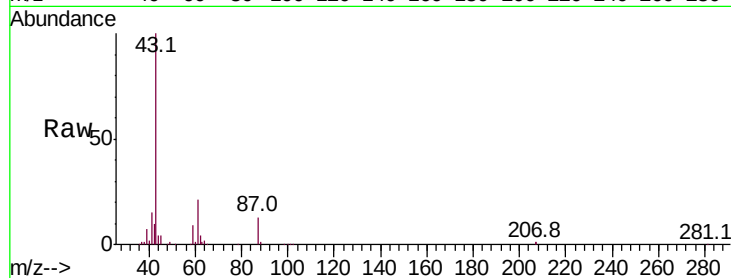
Tot Ion: 43 Resp: 69585

Ion Ratio Lower Upper

43 100

61 28.7 21.9 32.9

87 12.7 10.0 15.0



#44

Trichloroethene

Concen: 20.990 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VY003518.D

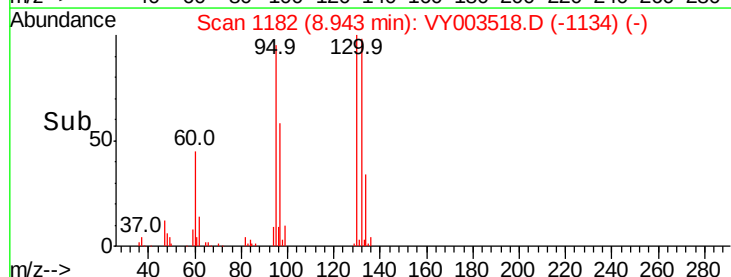
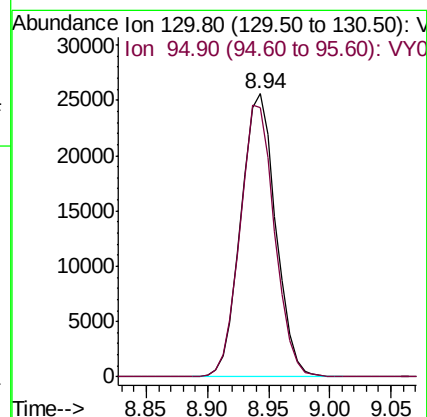
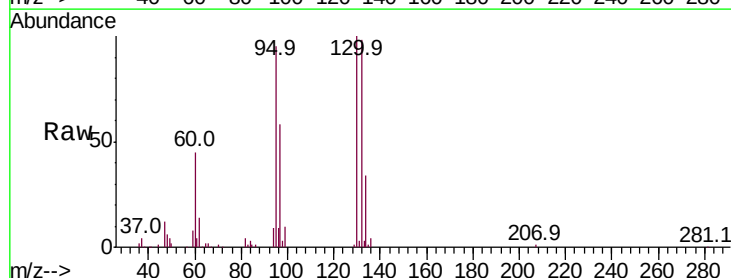
Acq: 05 Nov 2020 11:45

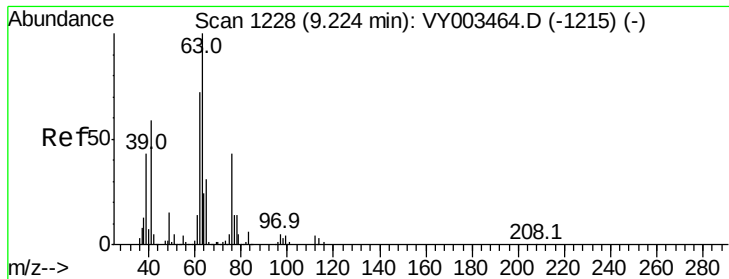
Tgt Ion:130 Resp: 50669

Ion Ratio Lower Upper

130 100

95 95.2 0.0 186.6





#45

1,2-Dichloropropane

Concen: 21.545 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

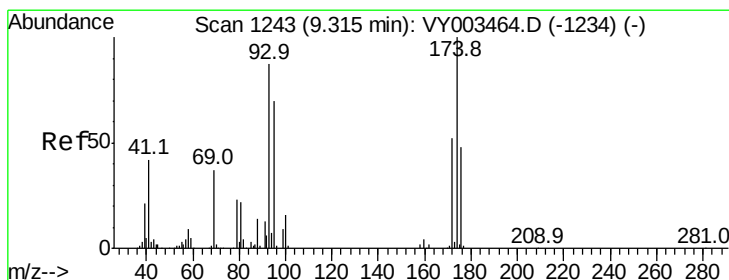
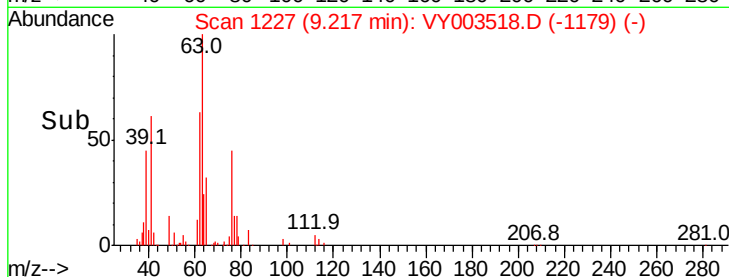
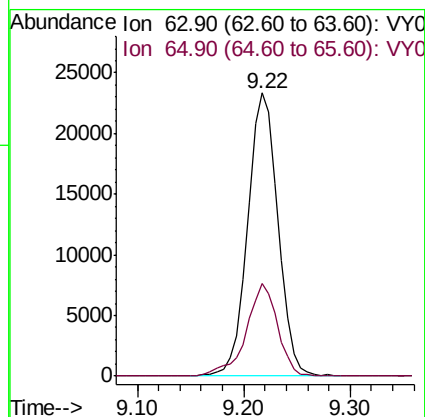
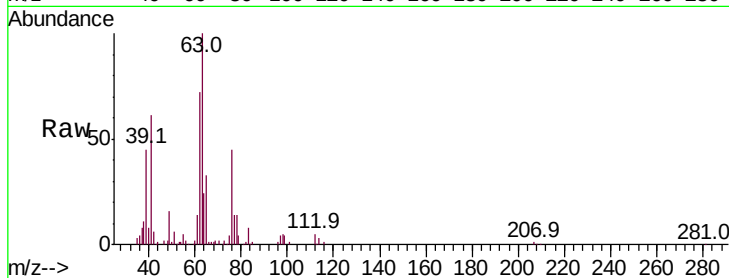
ClientSampled :

Tot Ion: 63 Resp: 46785

Ion Ratio Lower Upper

63 100

65 32.9 24.6 36.8



#46

Dibromomethane

Concen: 21.309 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

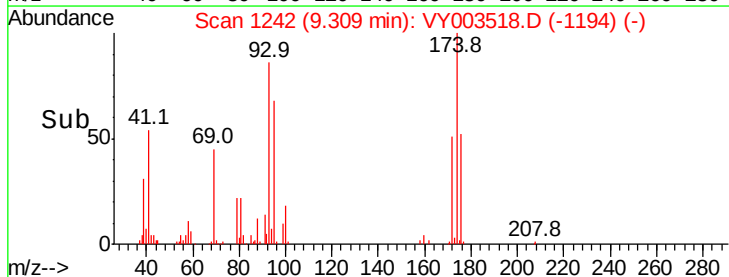
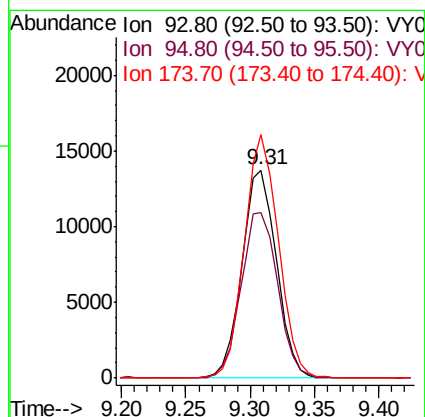
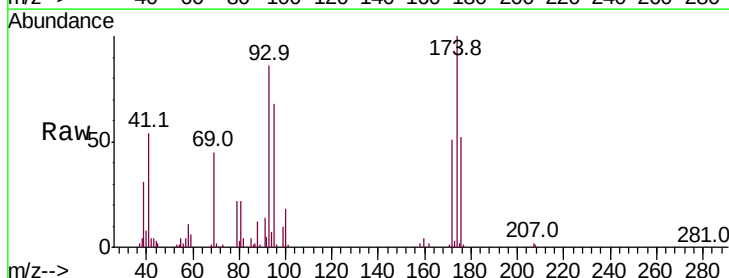
Tgt Ion: 93 Resp: 25457

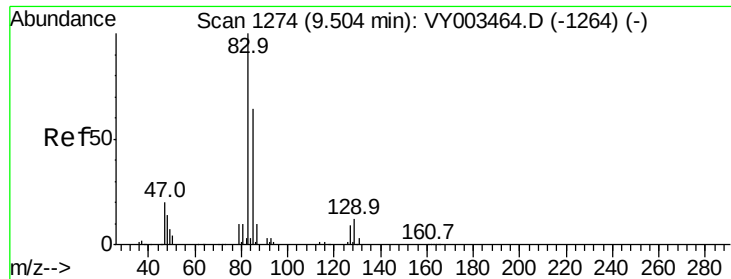
Ion Ratio Lower Upper

93 100

95 84.4 65.0 97.6

174 115.8 91.8 137.6





#47

Bromodichloromethane

Concen: 21.874 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

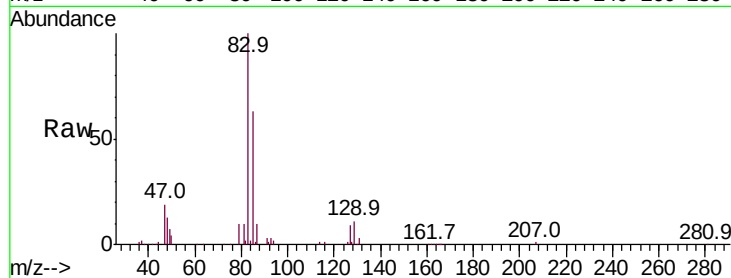
Tot Ion: 83 Resp: 63962

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.6

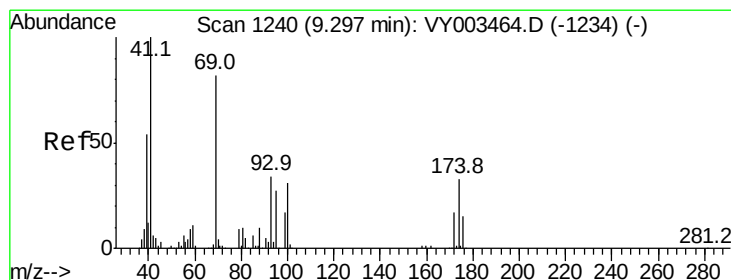
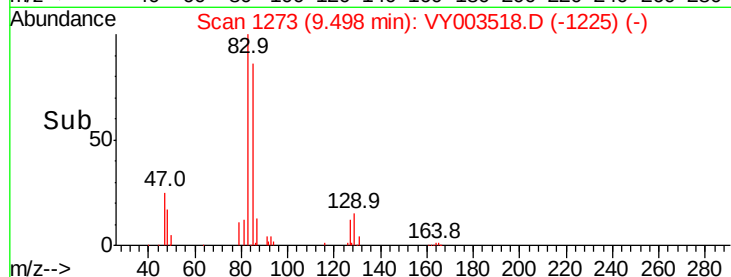
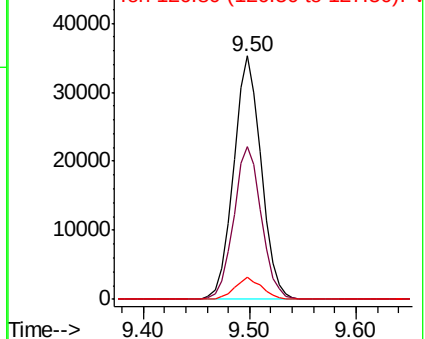
127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VY003518.D (-1273) (-)

Ion 84.90 (84.60 to 85.60): VY003518.D (-1273) (-)

Ion 126.80 (126.50 to 127.50): VY003518.D (-1273) (-)



#48

Methyl methacrylate

Concen: 19.689 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

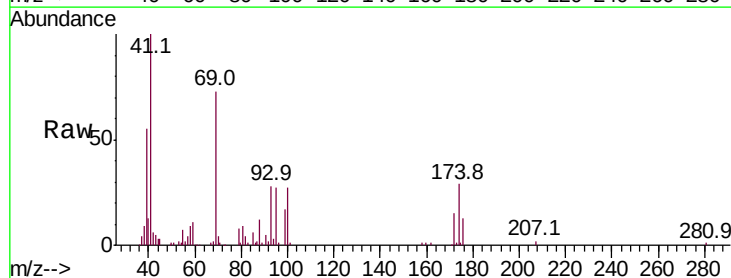
Tgt Ion: 41 Resp: 31981

Ion Ratio Lower Upper

41 100

69 83.3 65.9 98.9

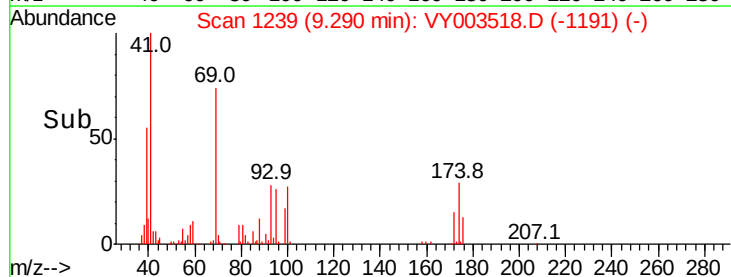
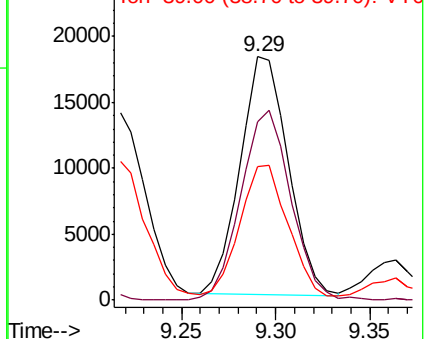
39 58.8 43.2 64.8

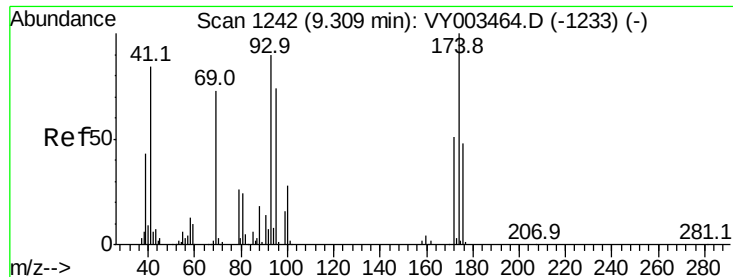


Abundance Ion 41.00 (40.70 to 41.70): VY003518.D (-1239) (-)

Ion 69.00 (68.70 to 69.70): VY003518.D (-1239) (-)

Ion 39.00 (38.70 to 39.70): VY003518.D (-1239) (-)

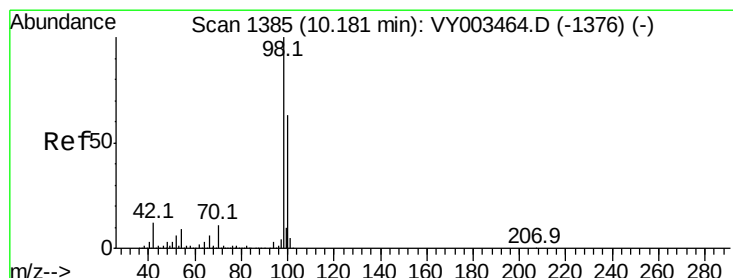
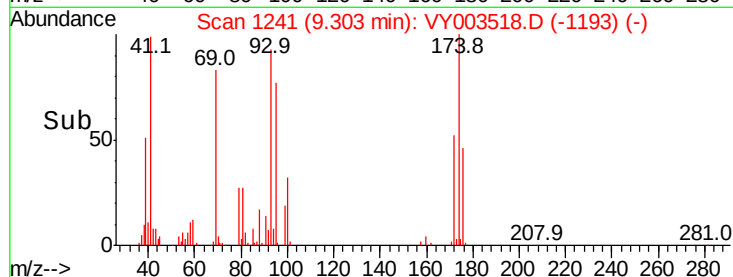
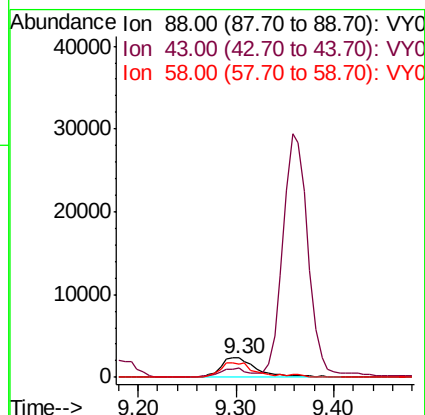
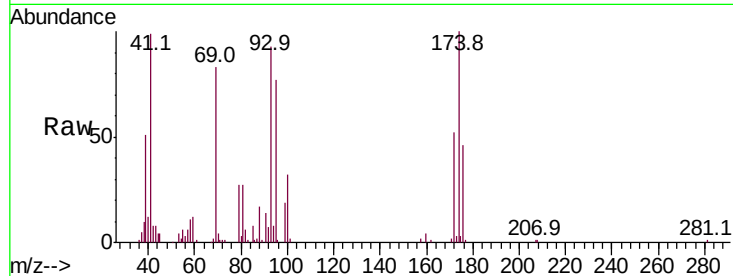




#49
1,4-Dioxane
Concen: 413.708 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

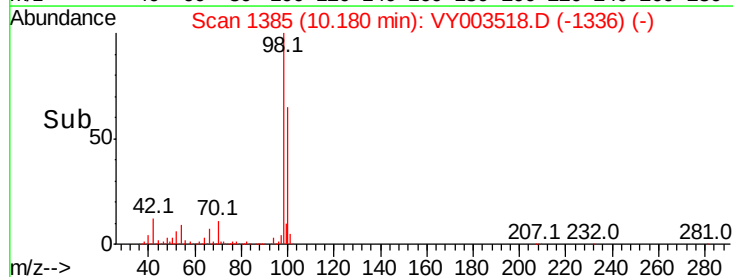
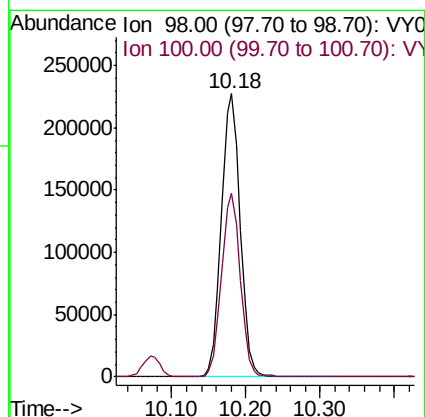
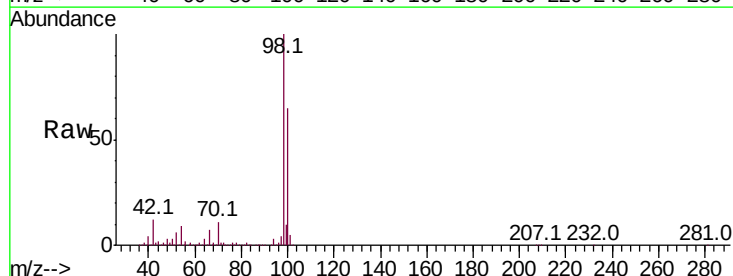
Instrument :
MSVOA_Y
ClientSampleId :

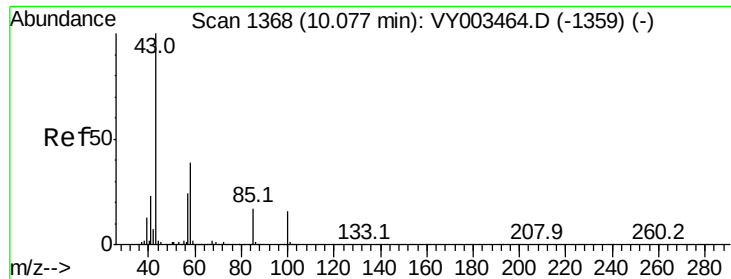
Tot Ion: 88 Resp: 6167
Ion Ratio Lower Upper
88 100
43 37.4 27.6 41.4
58 65.8 54.2 81.2



#50
Toluene-d8
Concen: 48.062 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion: 98 Resp: 398733
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

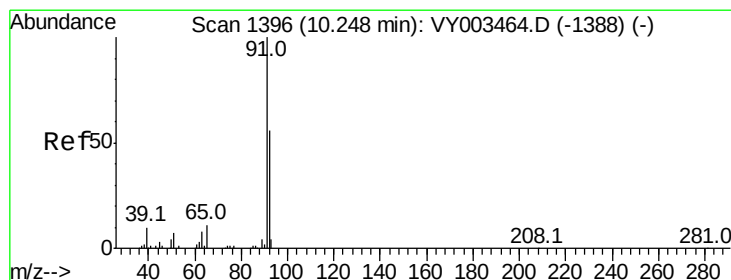
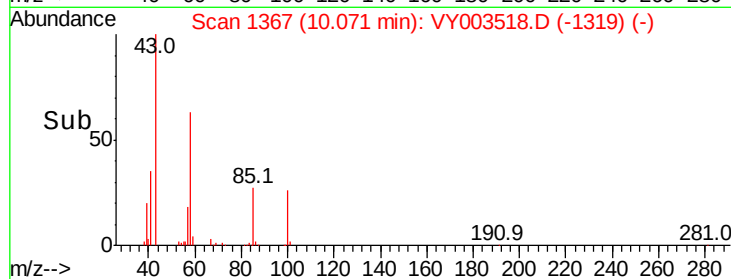
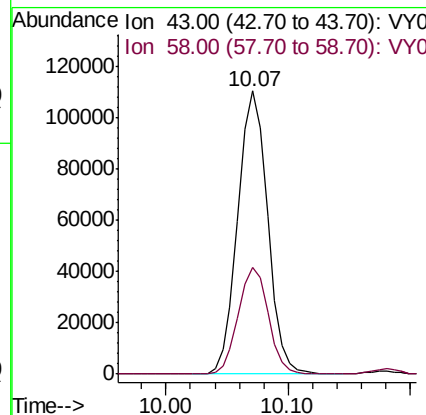
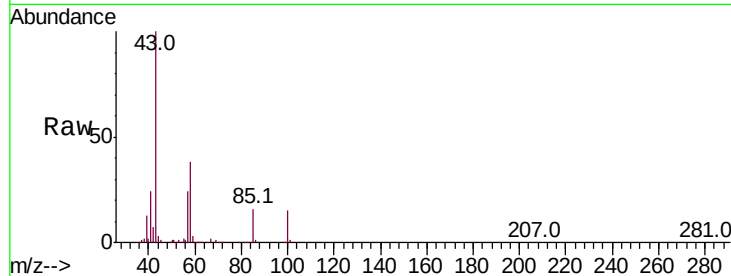




#51
 4-Methyl-2-Pentanone
 Concen: 101.818 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

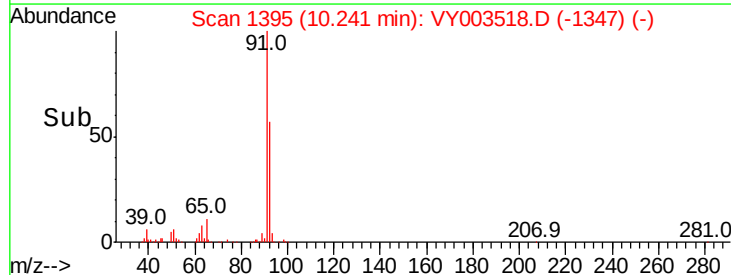
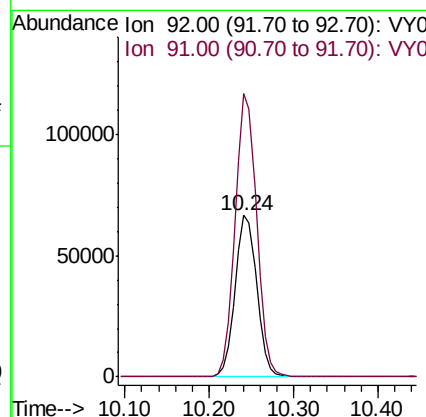
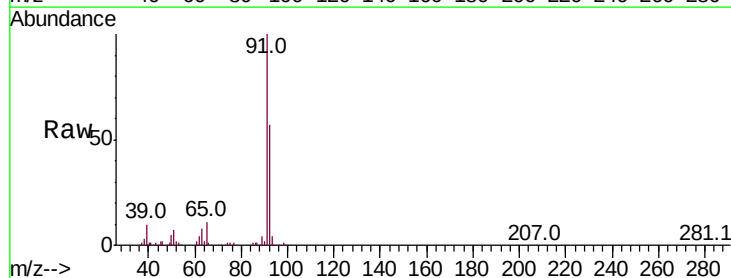
Instrument :
 MSVOA_Y
 ClientSampled :

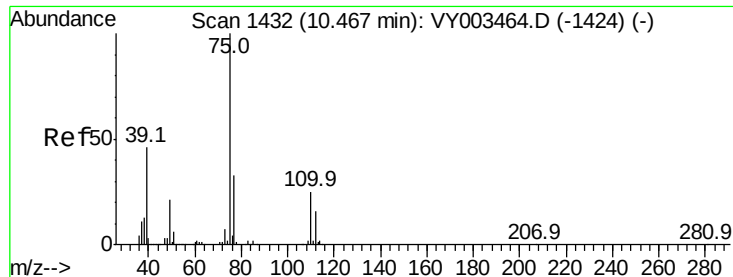
Tot Ion: 43 Resp: 187060
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.0 46.4



#52
 Toluene
 Concen: 21.447 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion: 92 Resp: 115348
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 21.376 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

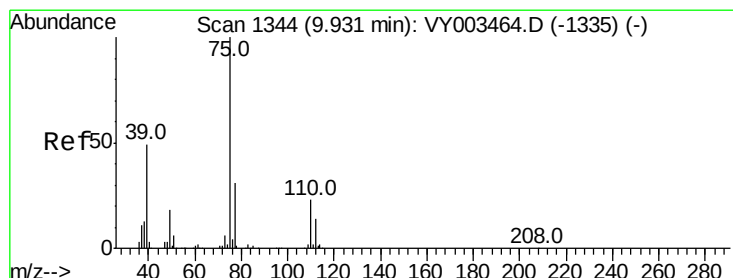
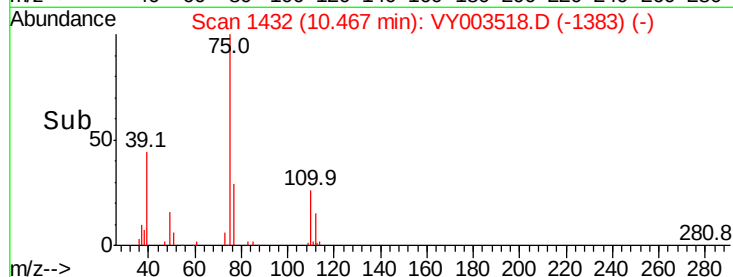
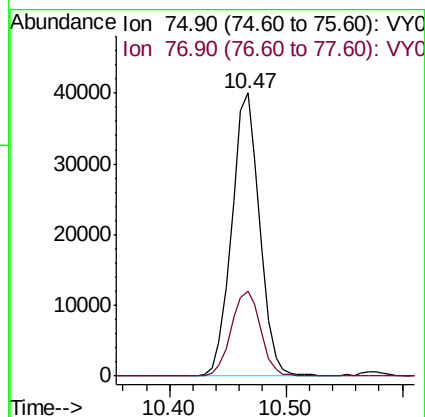
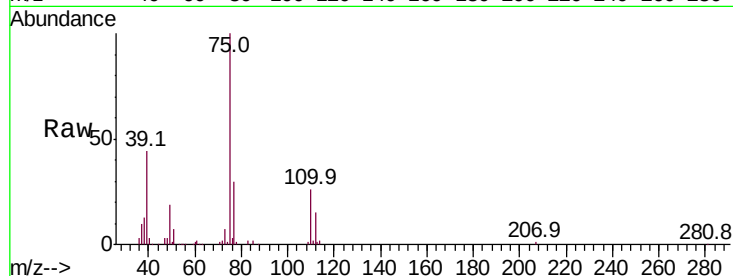
ClientSampleId :

Tot Ion: 75 Resp: 66518

Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 21.303 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

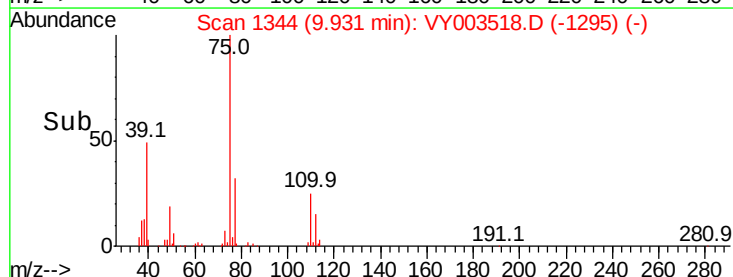
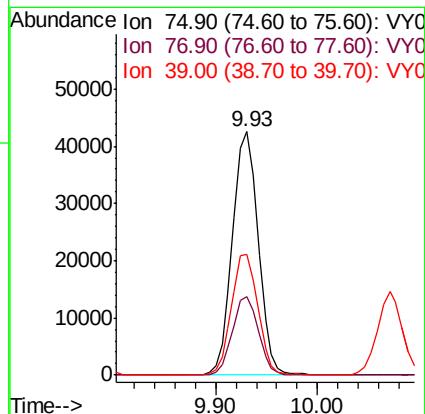
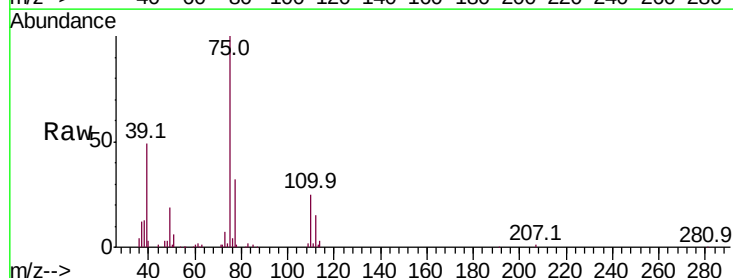
Tgt Ion: 75 Resp: 74597

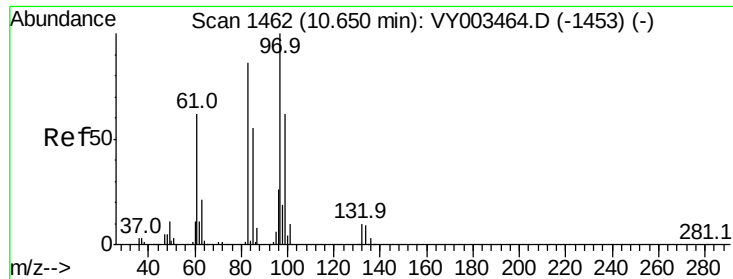
Ion Ratio Lower Upper

75 100

77 32.0 24.5 36.7

39 49.4 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.451 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 36378

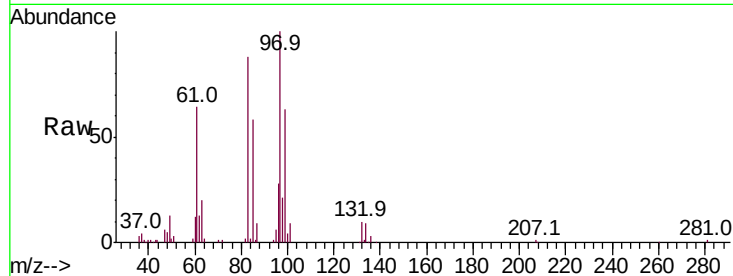
Ion Ratio Lower Upper

97 100

83 88.8 68.6 102.8

85 57.9 43.8 65.6

99 63.5 49.9 74.9



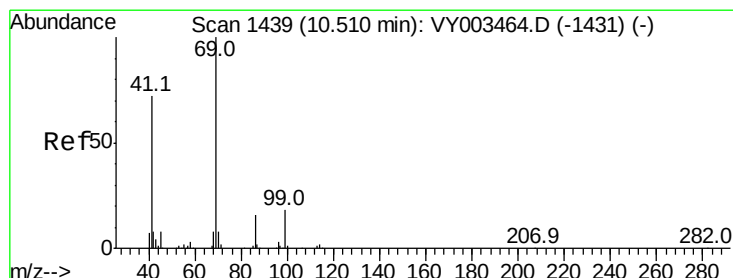
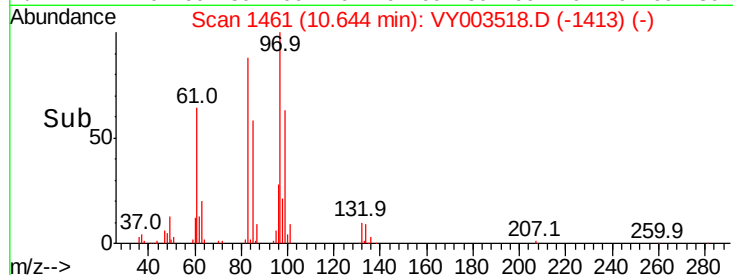
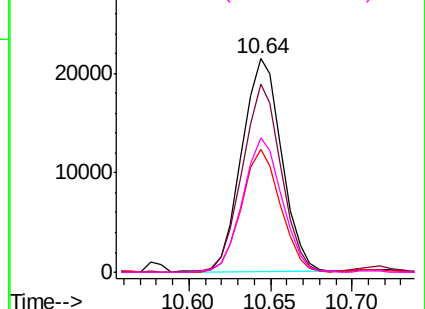
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.664 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

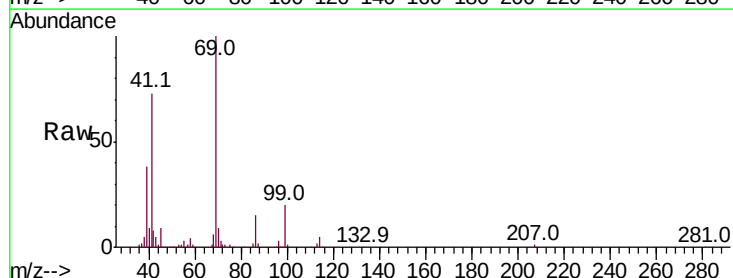
Tgt Ion: 69 Resp: 46939

Ion Ratio Lower Upper

69 100

41 72.1 55.4 83.2

39 34.0 28.7 43.1

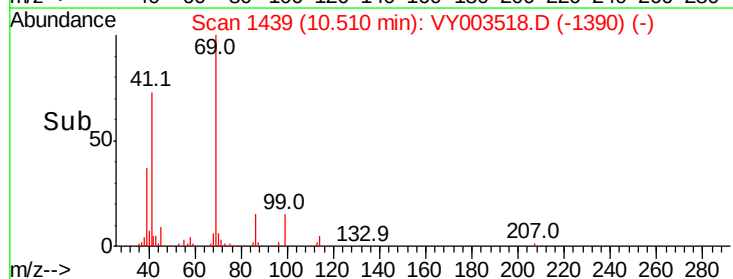
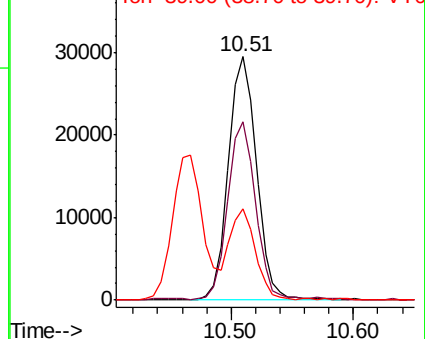


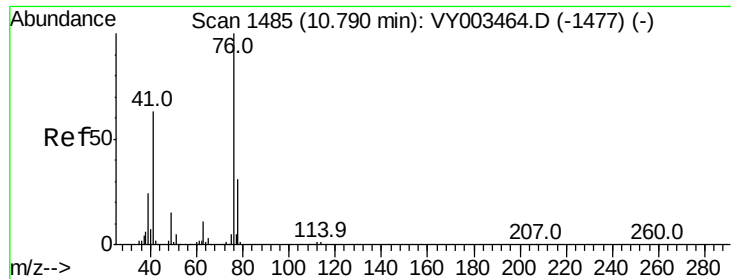
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 21.762 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

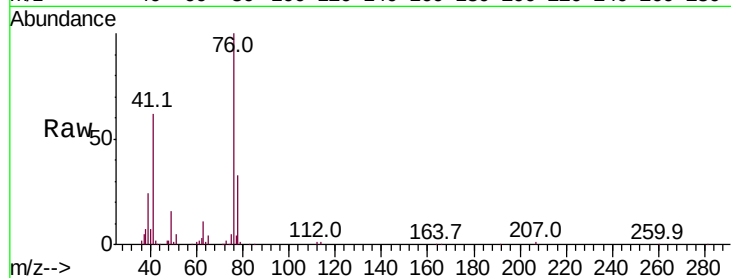
ClientSampleId :

Tot Ion: 76 Resp: 64173

Ion Ratio Lower Upper

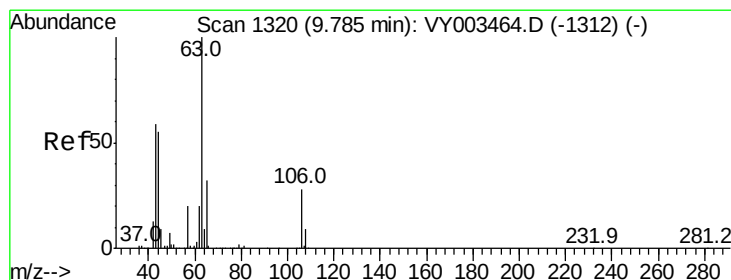
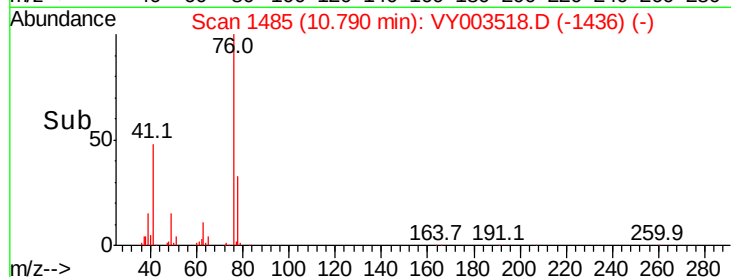
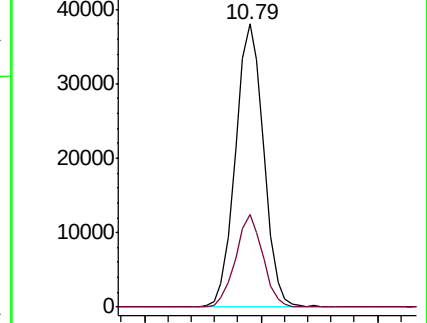
76 100

78 31.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 109.830 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003518.D

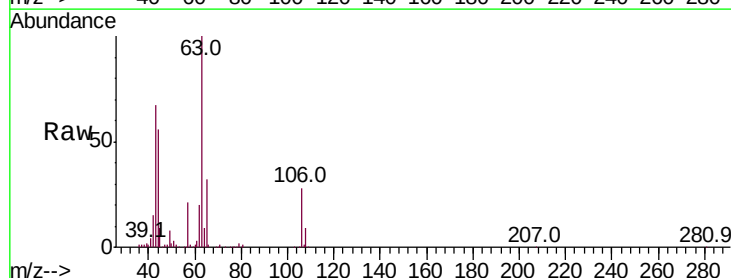
Acq: 05 Nov 2020 11:45

Tgt Ion: 63 Resp: 126474

Ion Ratio Lower Upper

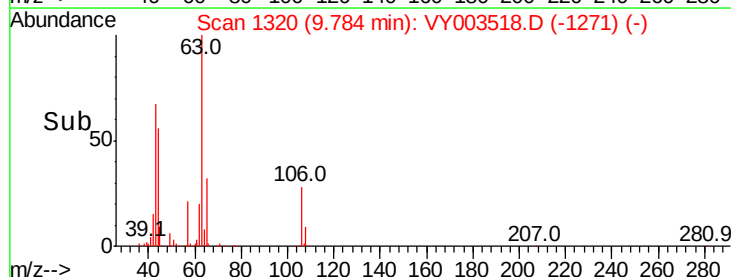
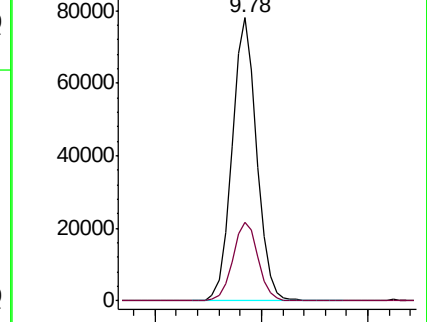
63 100

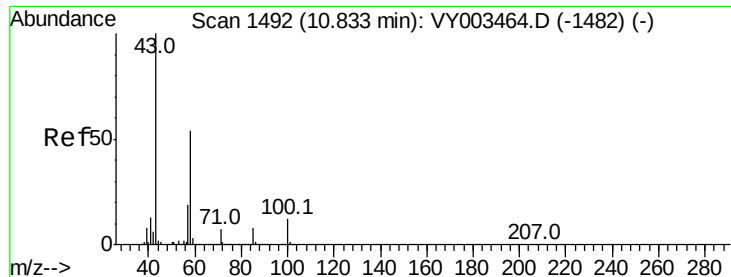
106 28.6 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 97.366 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

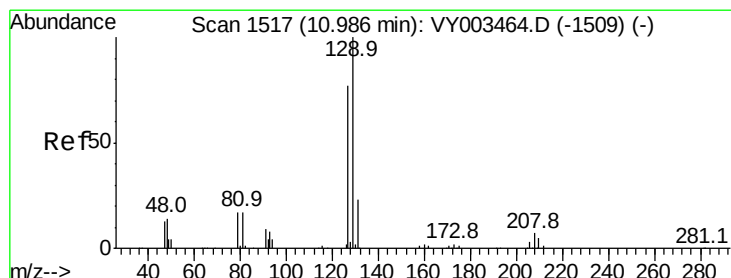
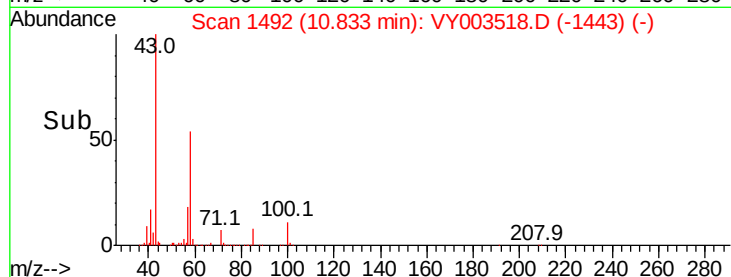
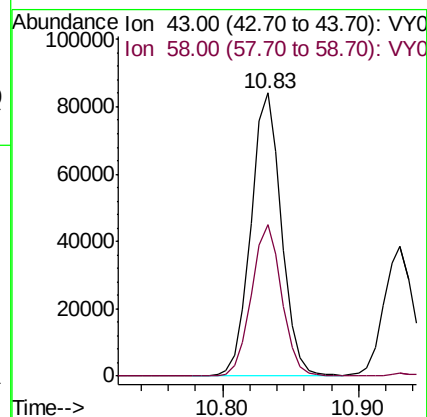
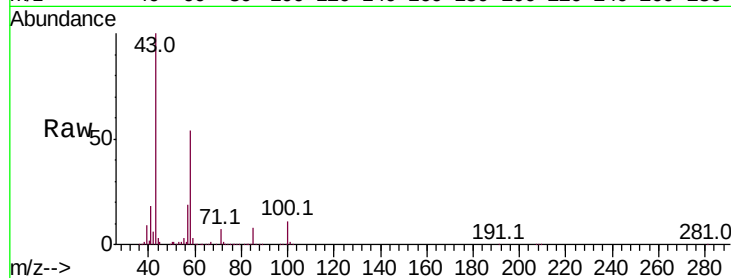
ClientSampled :

Tot Ion: 43 Resp: 132444

Ion Ratio Lower Upper

43 100

58 53.1 26.8 80.3



#60

Dibromochloromethane

Concen: 21.594 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VY003518.D

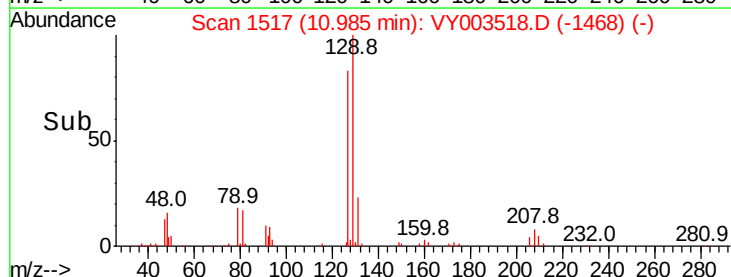
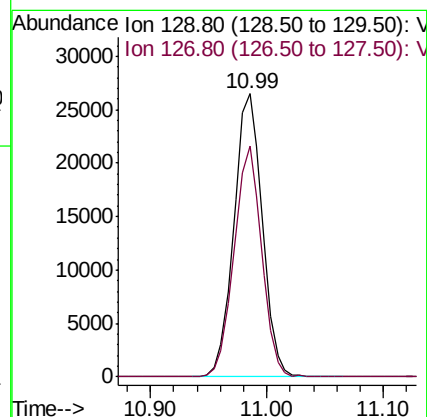
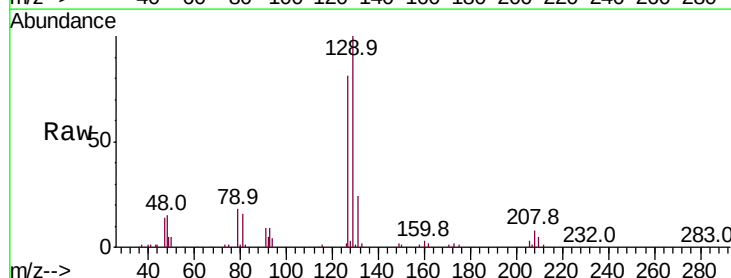
Acq: 05 Nov 2020 11:45

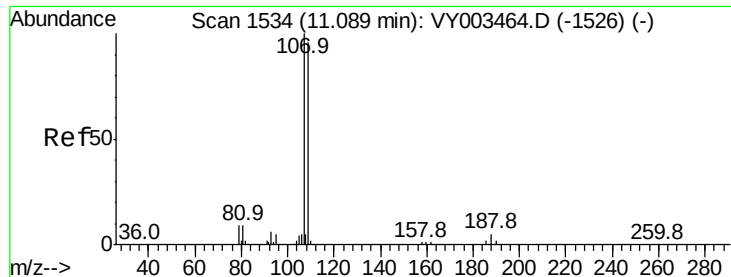
Tgt Ion: 129 Resp: 45011

Ion Ratio Lower Upper

129 100

127 78.9 38.8 116.3

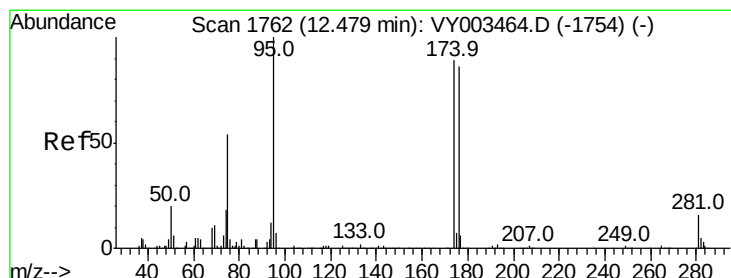
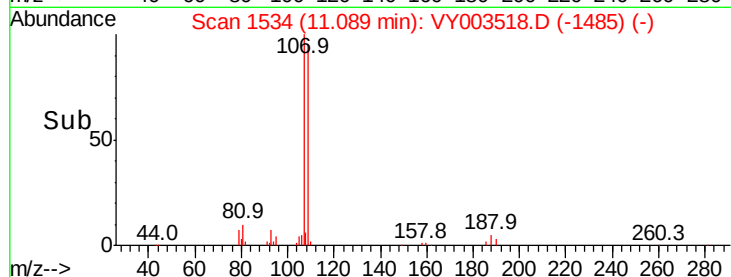
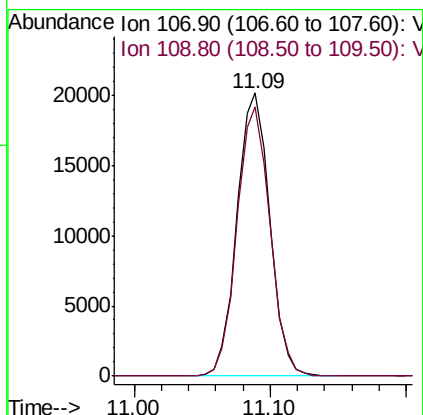
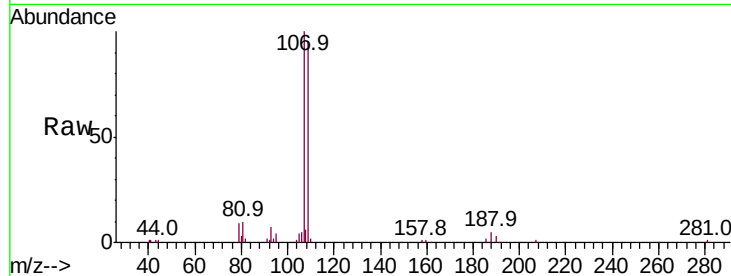




#61
 1,2-Dibromoethane
 Concen: 20.771 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

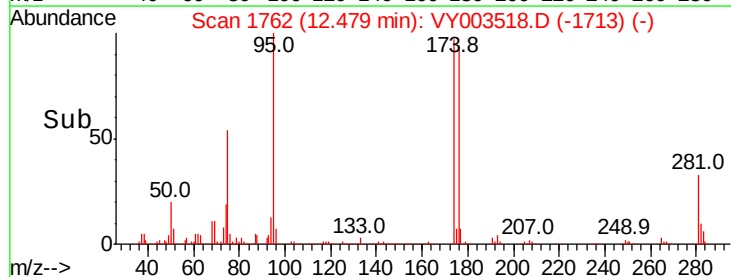
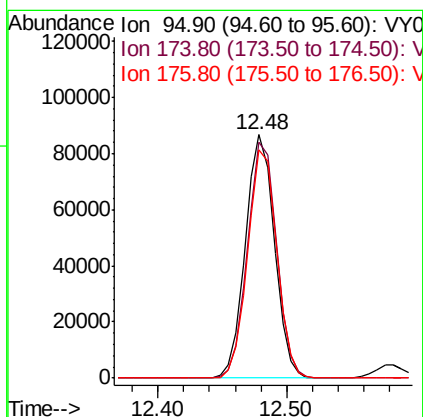
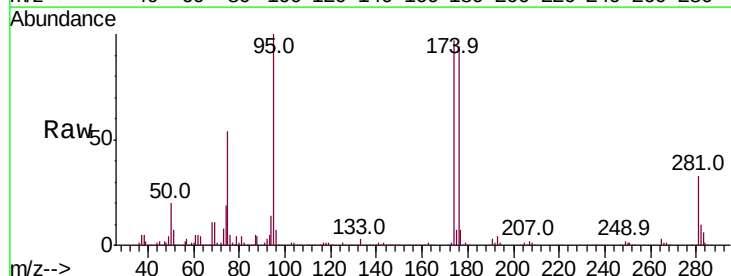
Instrument :
 MSVOA_Y
 ClientSampleId :

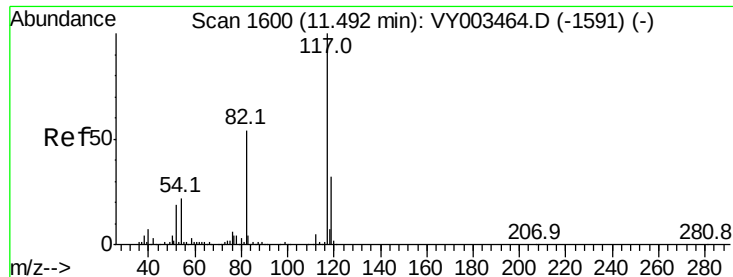
Tot Ion:107 Resp: 34007
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 48.920 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion: 95 Resp: 134472
 Ion Ratio Lower Upper
 95 100
 174 97.4 0.0 193.0
 176 94.1 0.0 187.4

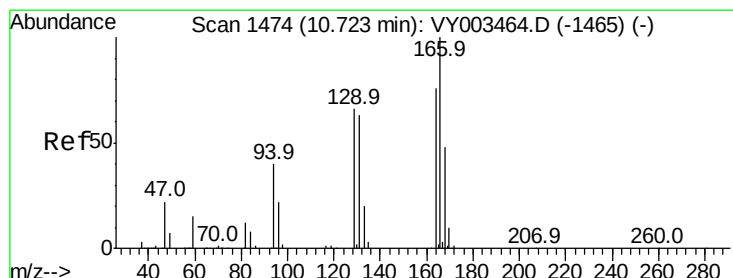
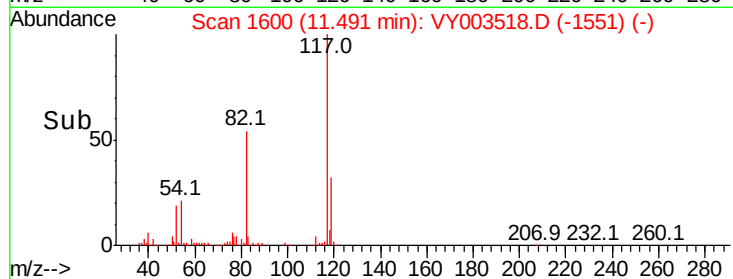
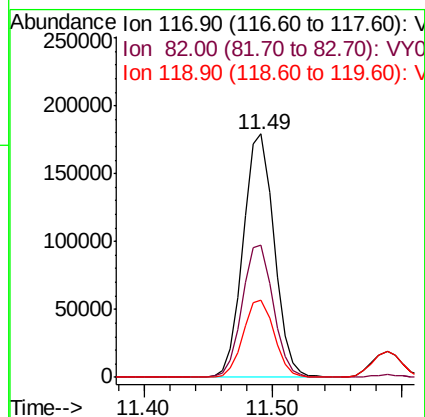
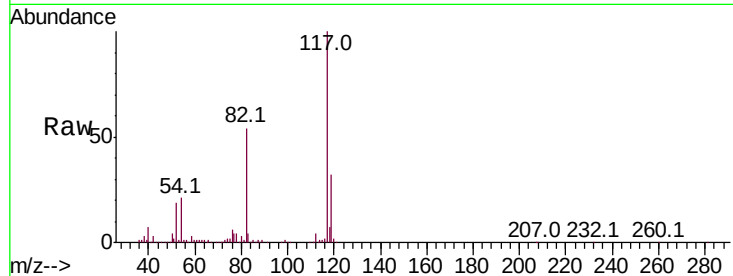




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

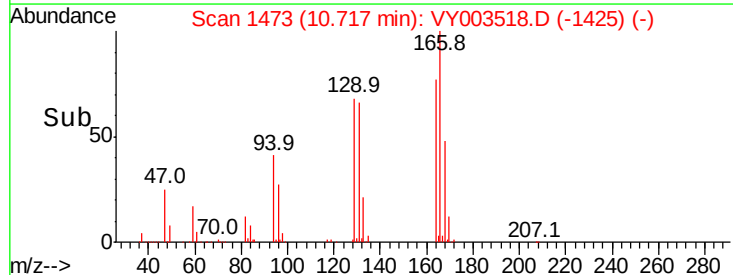
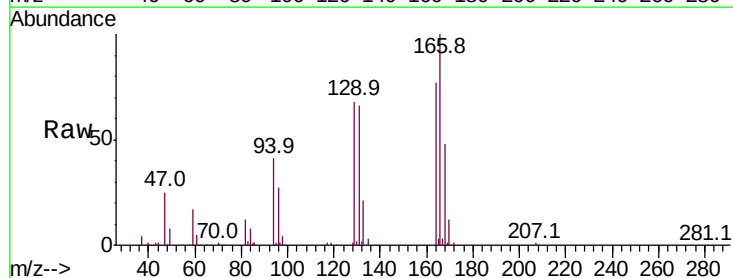
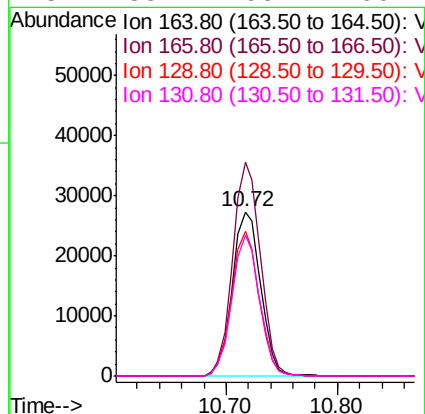
Instrument :
MSVOA_Y
ClientSampled :

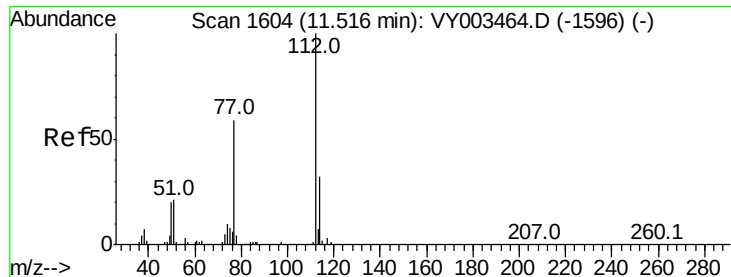
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.4	65.2
119	32.0	25.8	38.6



#64
Tetrachloroethene
Concen: 21.718 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	104.9	157.3
129	88.4	68.9	103.3
131	85.4	66.2	99.2

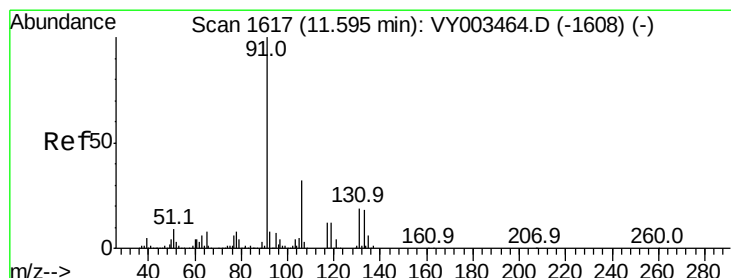
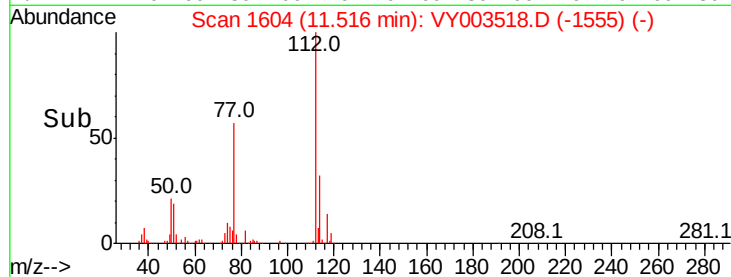
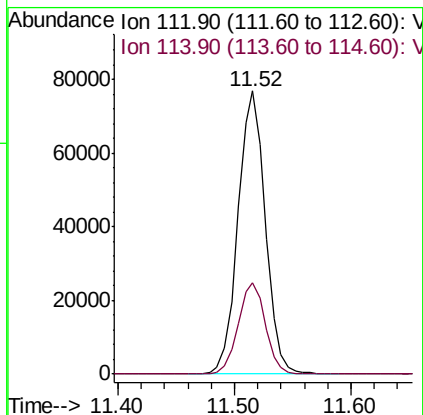
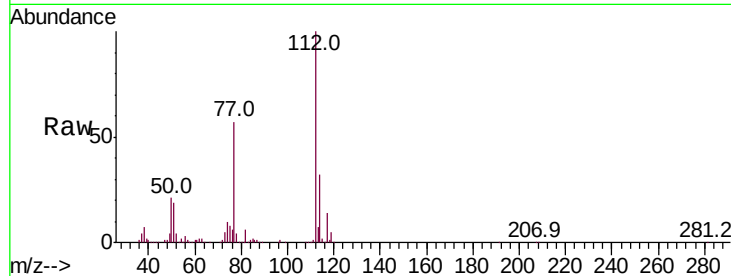




#65
Chlorobenzene
Concen: 21.616 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

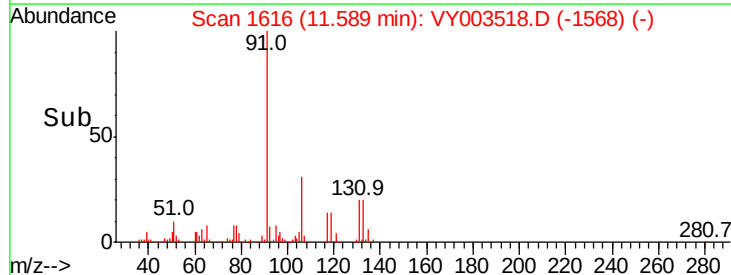
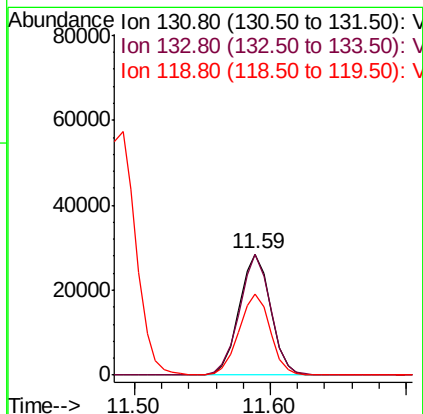
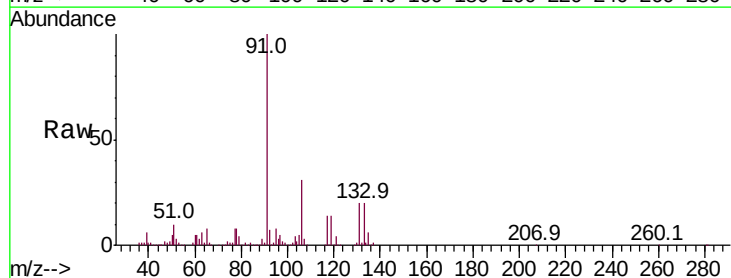
Instrument :
MSVOA_Y
ClientSampleId :

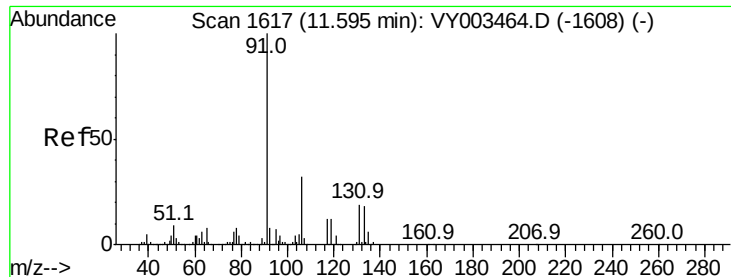
Tot Ion:112 Resp: 125171
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.038 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion:131 Resp: 45944
Ion Ratio Lower Upper
131 100
133 98.9 47.4 142.2
119 66.7 31.6 95.0

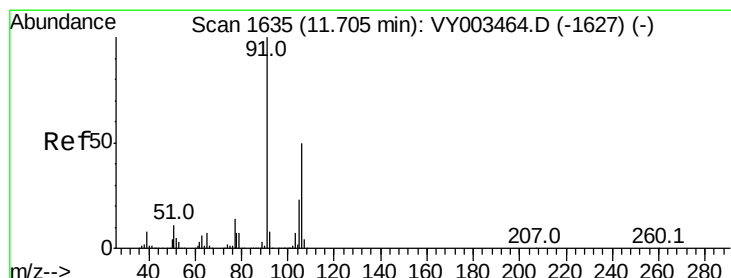
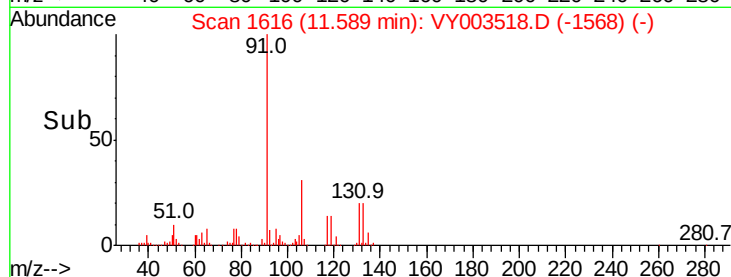
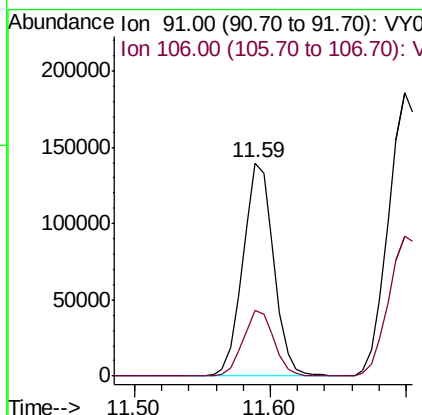
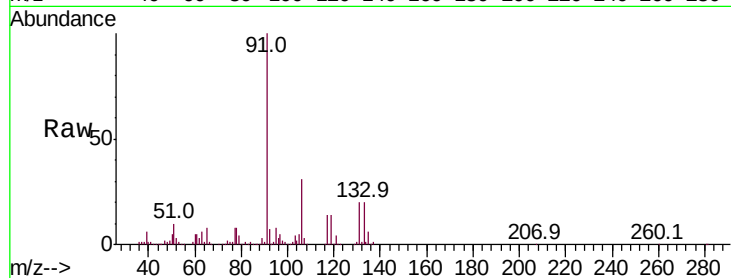




#67
Ethyl Benzene
Concen: 21.006 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

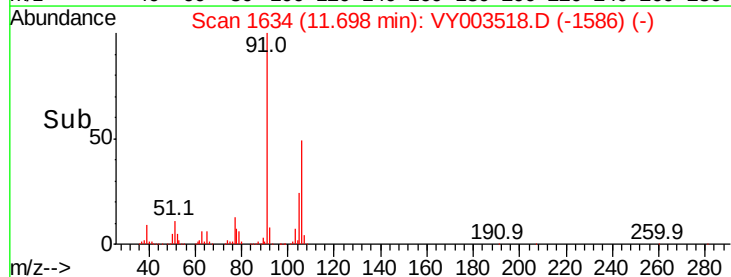
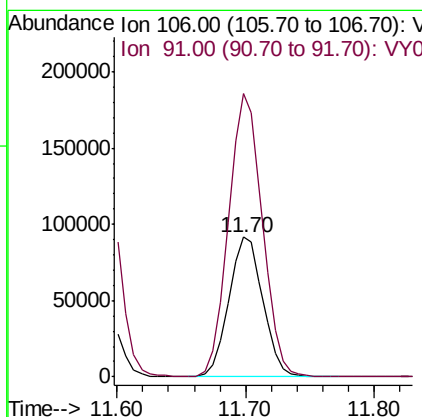
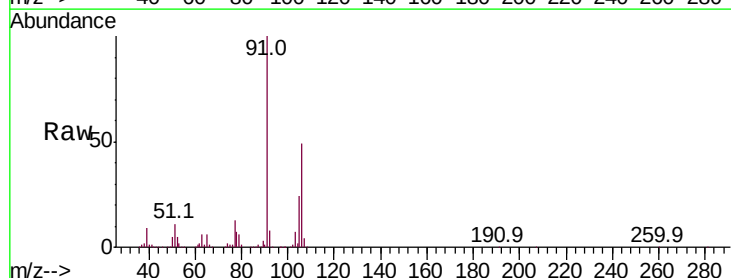
Instrument :
MSVOA_Y
ClientSampleId :

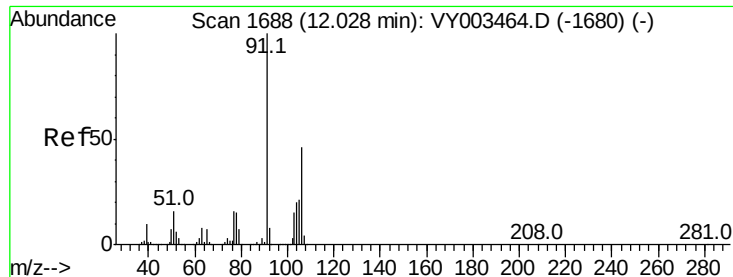
Tot Ion: 91 Resp: 220564
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0



#68
m/p-Xylenes
Concen: 42.378 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion: 106 Resp: 168628
Ion Ratio Lower Upper
106 100
91 201.3 161.0 241.6

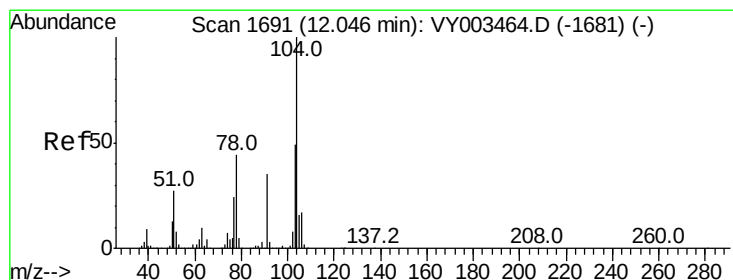
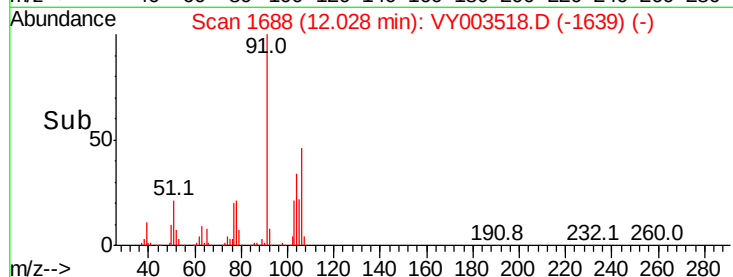
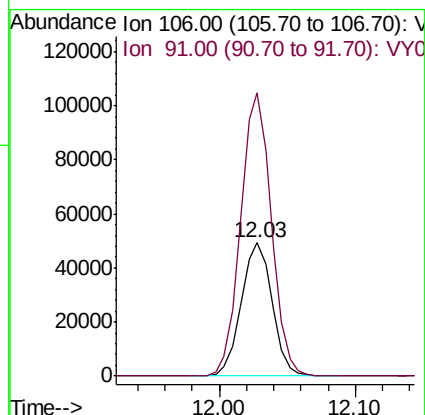
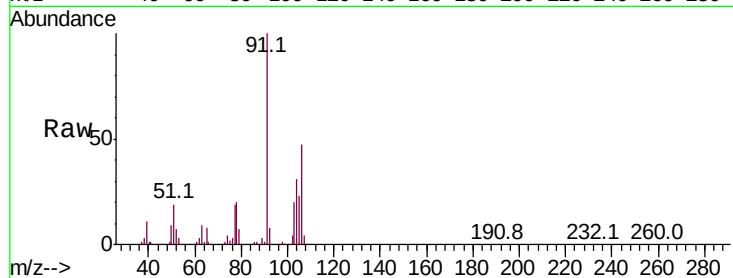




#69
o-Xylene
Concen: 21.348 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

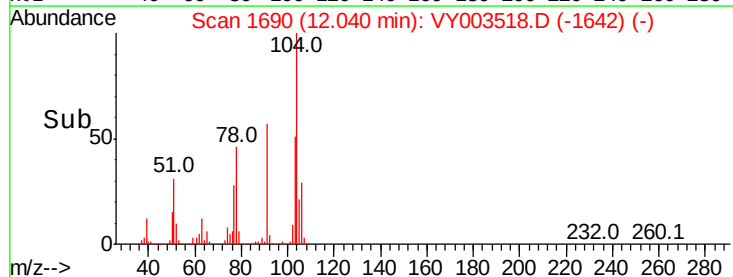
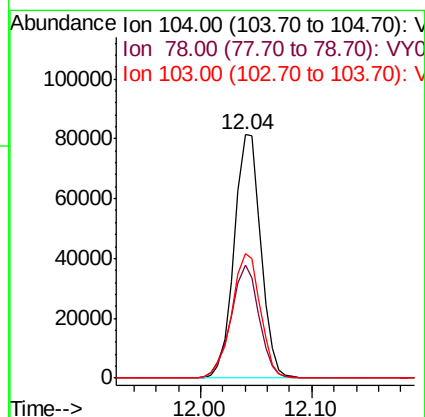
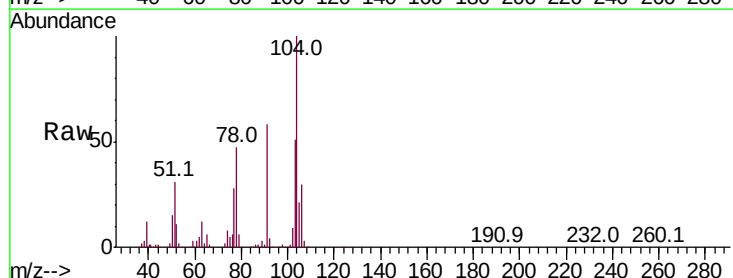
Instrument :
MSVOA_Y
ClientSampled :

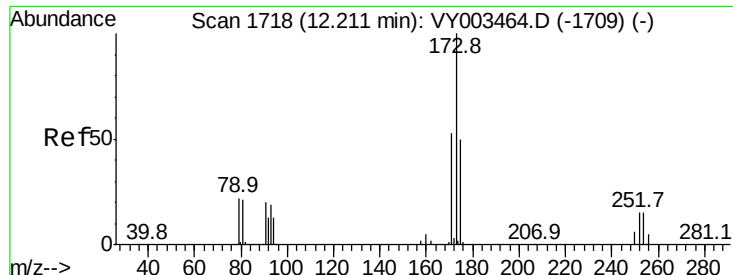
Tot Ion:106 Resp: 78140
Ion Ratio Lower Upper
106 100
91 210.8 105.5 316.5



#70
Styrene
Concen: 21.705 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion:104 Resp: 134897
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.0 44.2 66.2

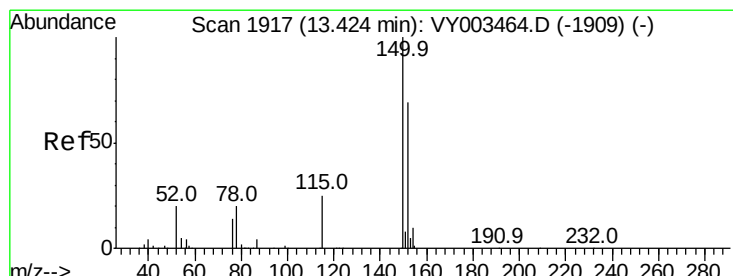
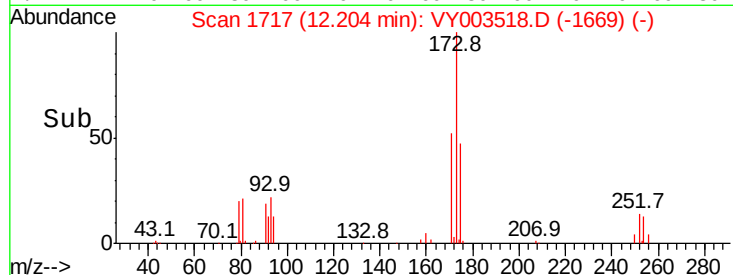
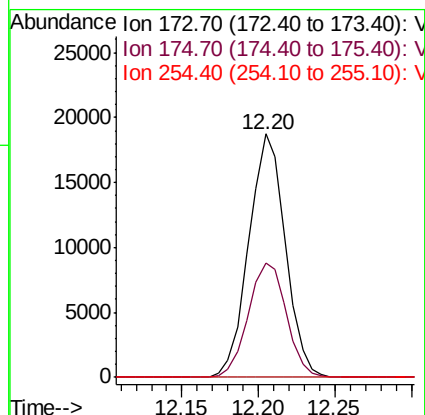
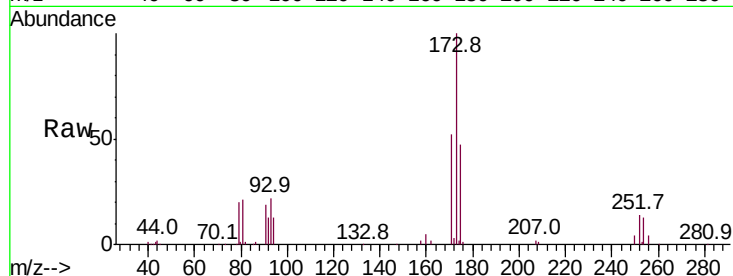




#71
Bromoform
Concen: 21.366 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

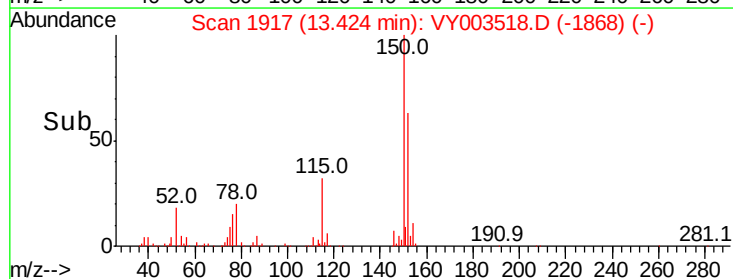
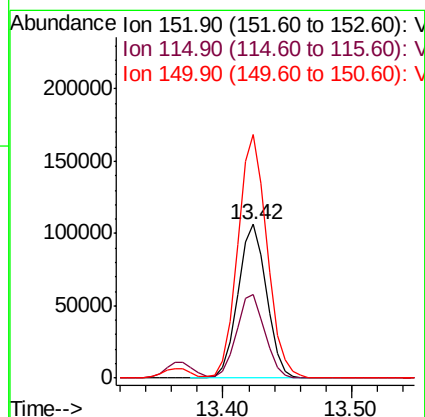
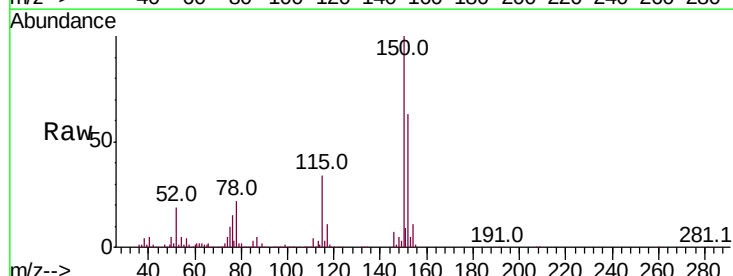
Instrument :
MSVOA_Y
ClientSampleId :

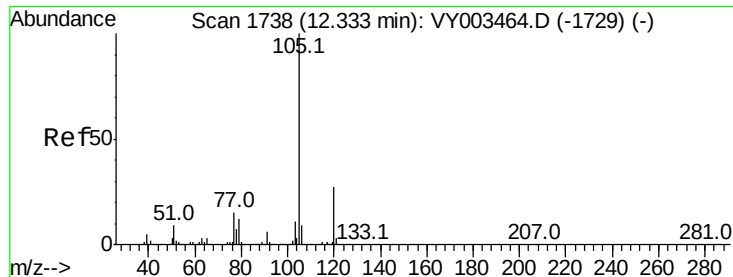
Tot Ion:173 Resp: 31101
Ion Ratio Lower Upper
173 100
175 48.8 24.7 74.1
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion:152 Resp: 162948
Ion Ratio Lower Upper
152 100
115 54.1 27.5 82.4
150 162.2 0.0 345.8





#73

Isopropylbenzene

Concen: 20.093 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

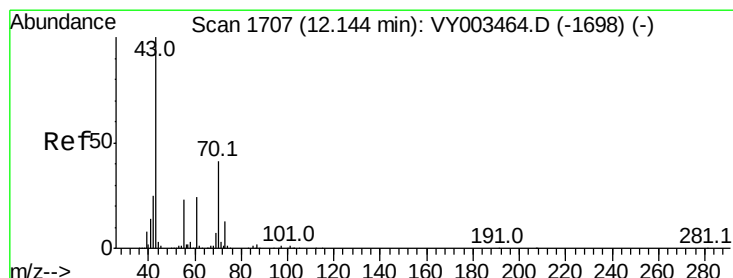
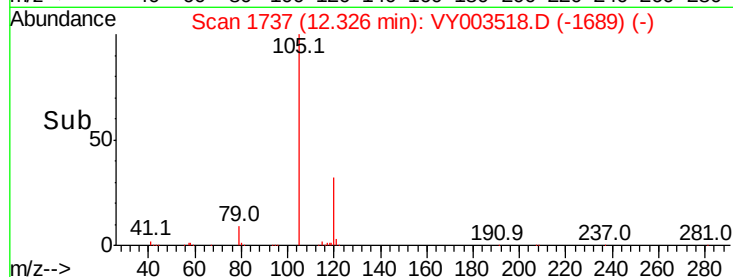
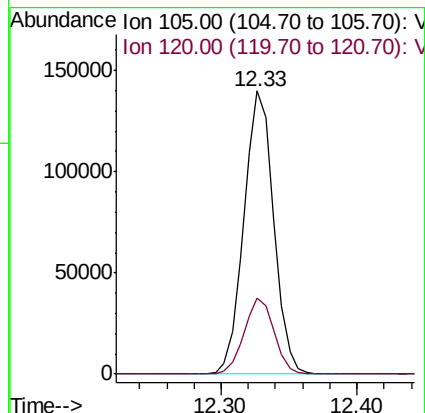
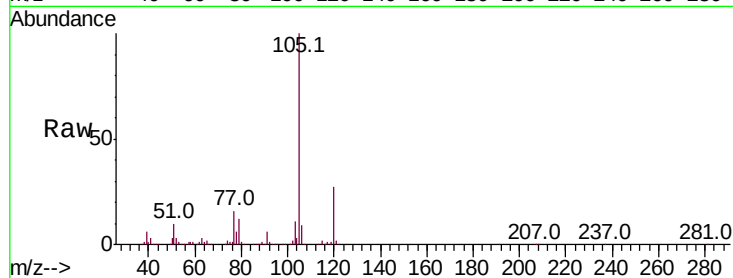
ClientSampleId :

Tot Ion:105 Resp: 213879

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.935 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion: 43 Resp: 60106

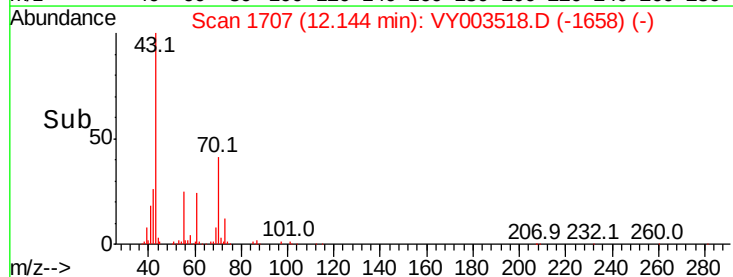
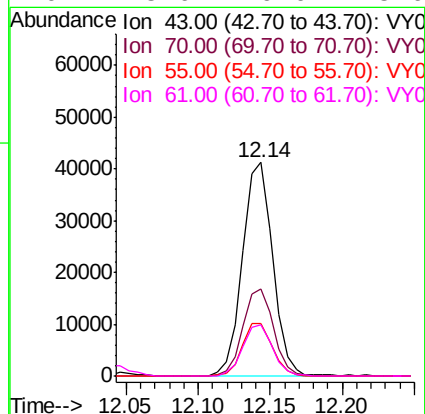
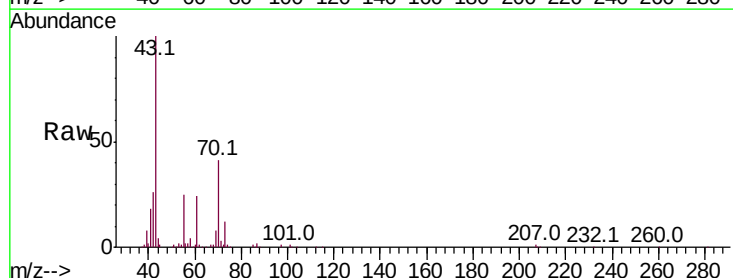
Ion Ratio Lower Upper

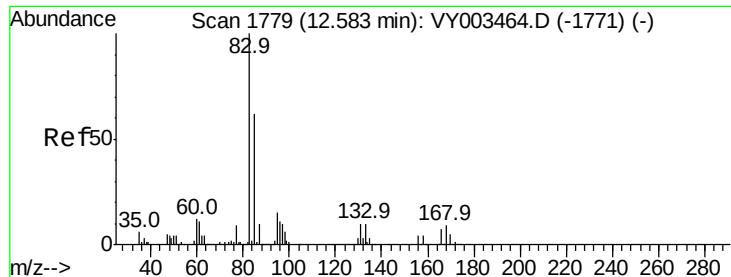
43 100

70 40.7 33.1 49.7

55 24.7 19.2 28.8

61 23.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.749 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

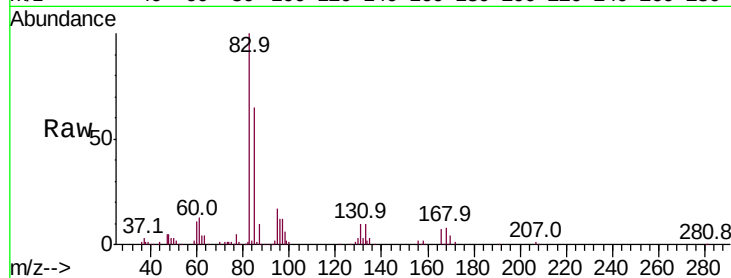
Tot Ion: 83 Resp: 44901

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

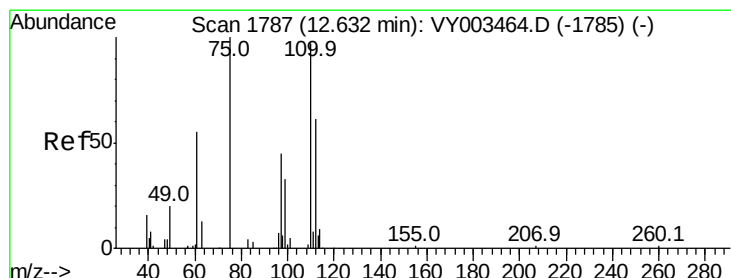
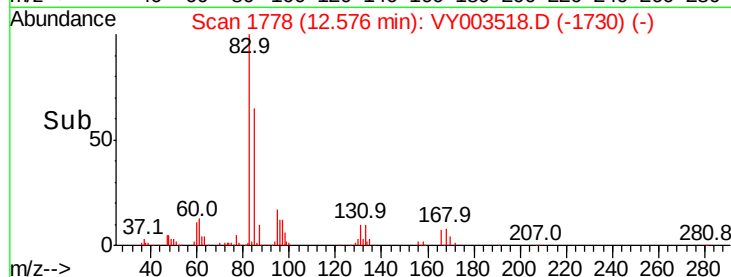
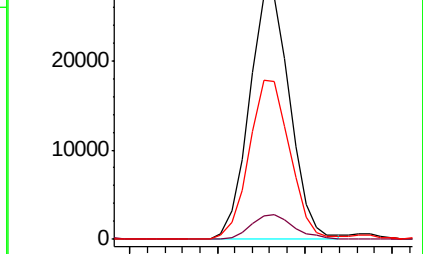
85 64.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VY003518.D (-1771) (-)

Ion 130.80 (130.50 to 131.50): VY003518.D (-1771) (-)

Ion 84.90 (84.60 to 85.60): VY003518.D (-1771) (-)



#76

1,2,3-Trichloropropane

Concen: 34.186 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003518.D

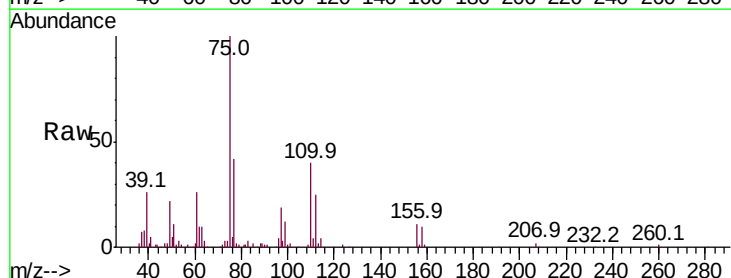
Acq: 05 Nov 2020 11:45

Tgt Ion: 75 Resp: 58940

Ion Ratio Lower Upper

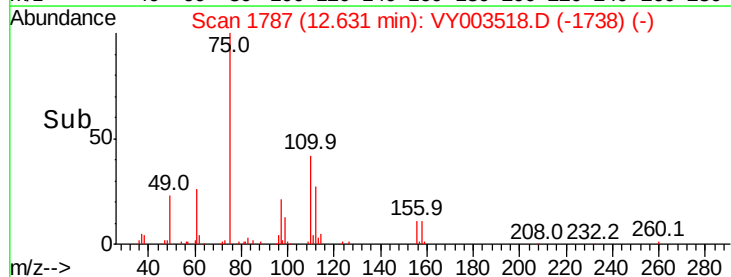
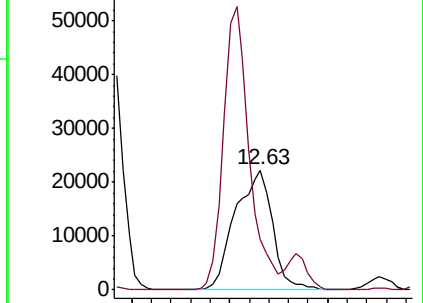
75 100

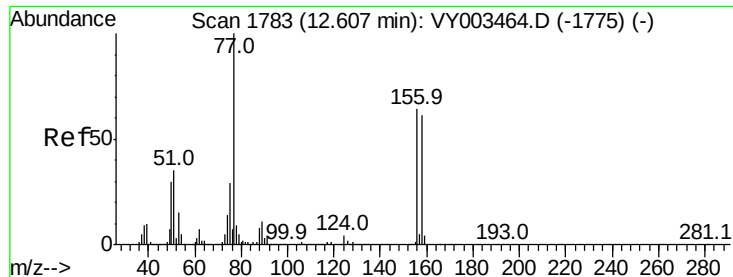
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003518.D (-1785) (-)

Ion 77.00 (76.70 to 77.70): VY003518.D (-1785) (-)





#77

Bromobenzene

Concen: 20.450 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

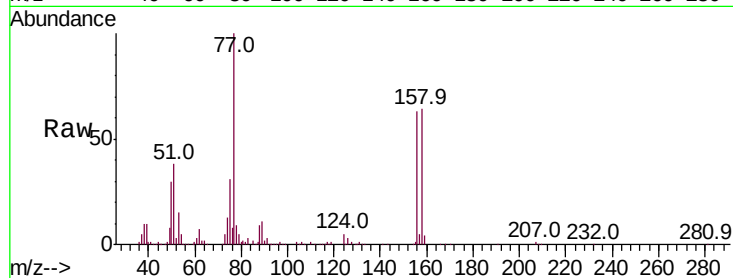
Tot Ion:156 Resp: 55307

Ion Ratio Lower Upper

156 100

77 174.8 87.0 260.9

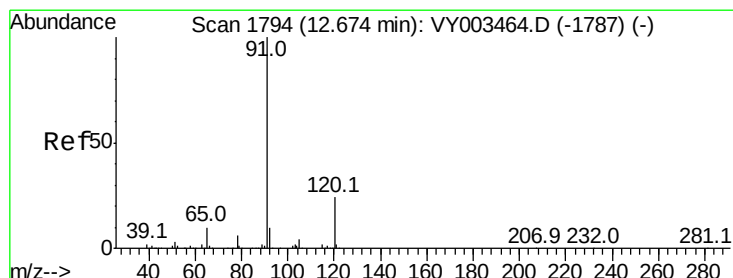
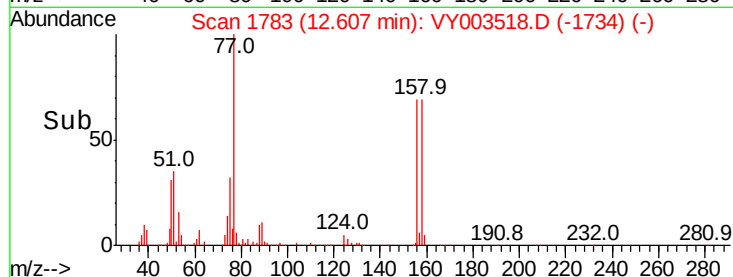
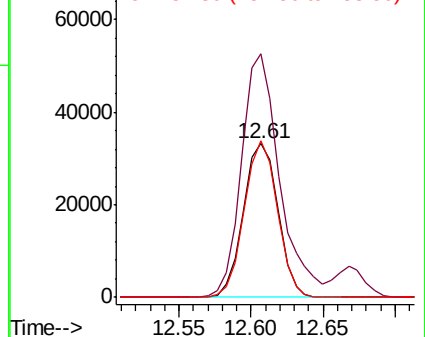
158 97.2 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.430 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003518.D

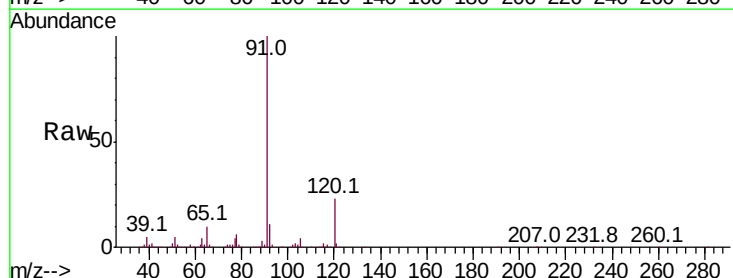
Acq: 05 Nov 2020 11:45

Tgt Ion: 91 Resp: 256142

Ion Ratio Lower Upper

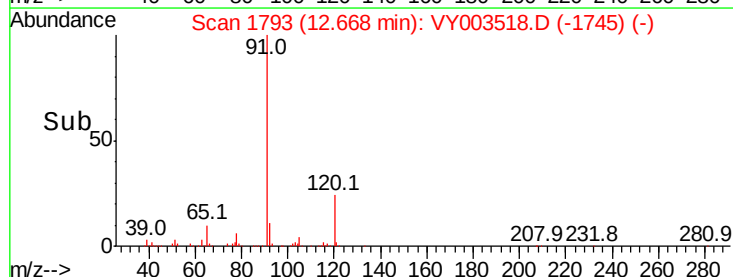
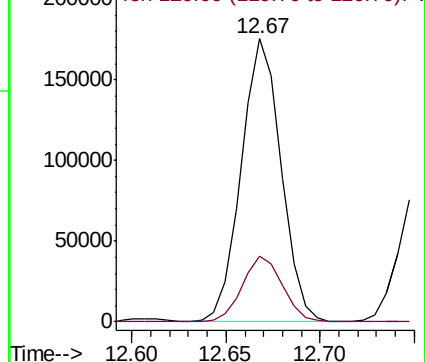
91 100

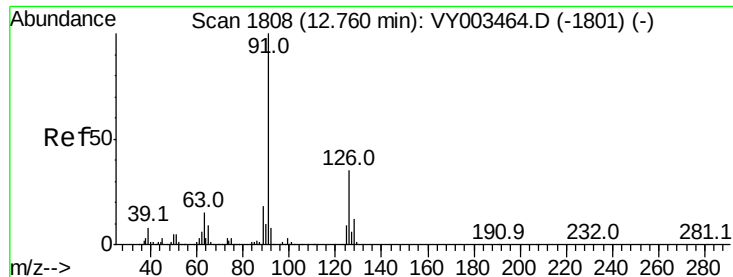
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.303 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

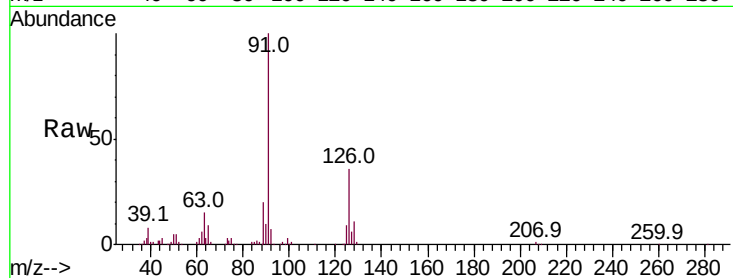
ClientSampleId :

Tot Ion: 91 Resp: 142222

Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY003464.D (-1801) (-)

150000

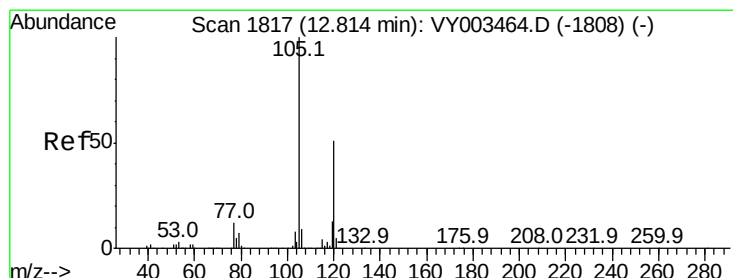
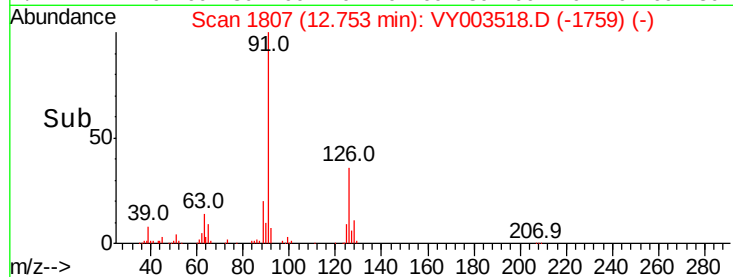
100000

50000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.752 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003518.D

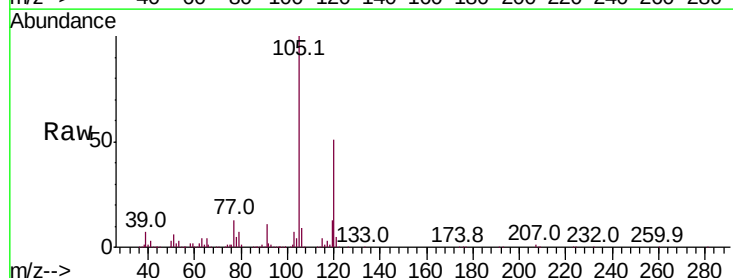
Acq: 05 Nov 2020 11:45

Tgt Ion: 105 Resp: 183019

Ion Ratio Lower Upper

105 100

120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY003464.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY003464.D (-1808) (-)

150000

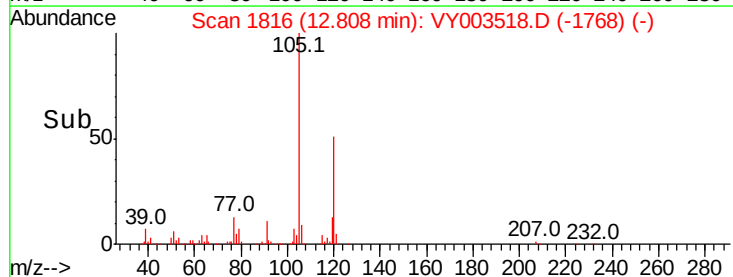
100000

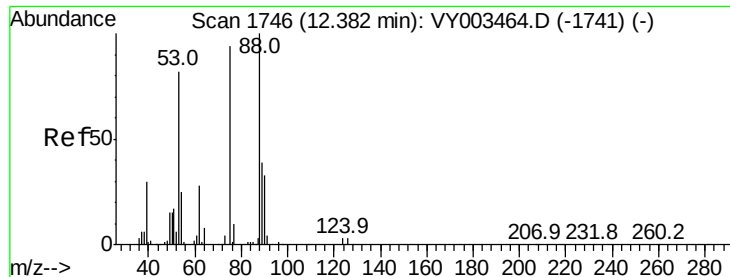
50000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.013 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

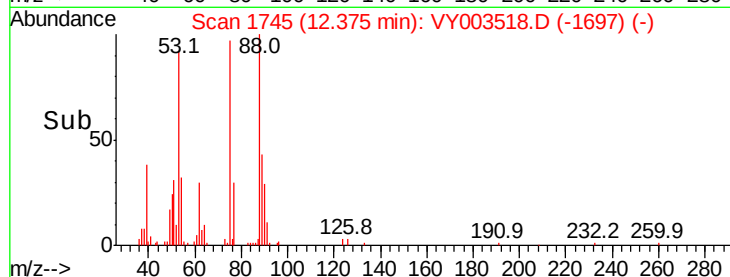
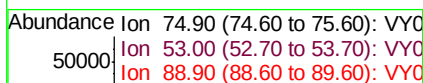
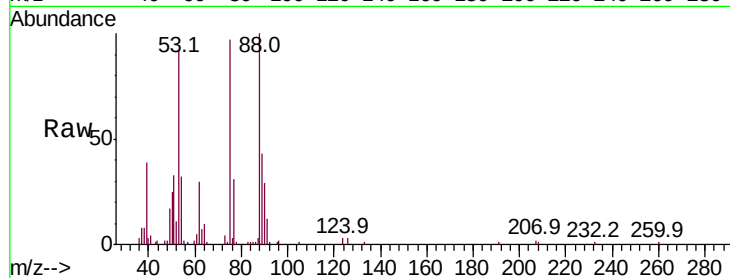
Tot Ion: 75 Resp: 15706

Ion Ratio Lower Upper

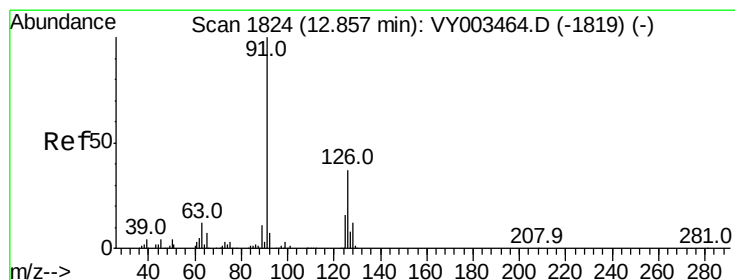
75 100

53 97.5 74.7 112.1

89 46.1 35.8 53.8



Time-->



#82

4-Chlorotoluene

Concen: 20.415 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003518.D

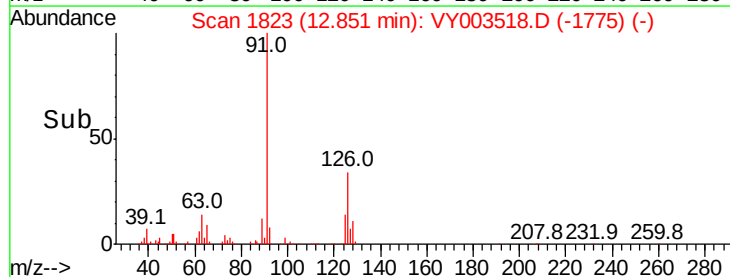
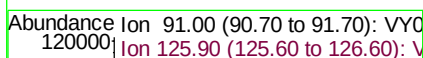
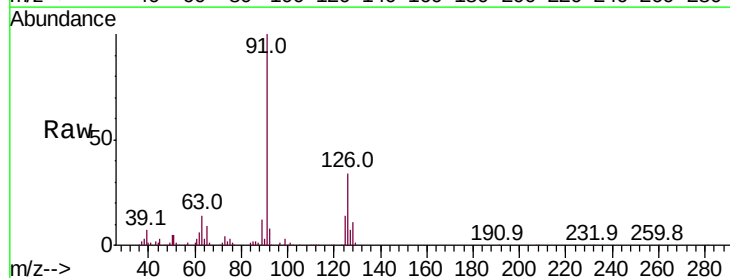
Acq: 05 Nov 2020 11:45

Tgt Ion: 91 Resp: 149441

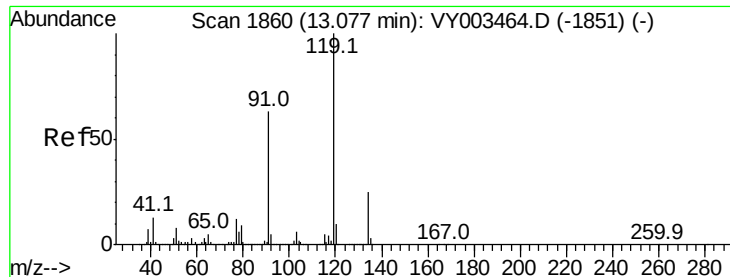
Ion Ratio Lower Upper

91 100

126 35.5 17.6 52.8



Time-->



#83

tert-Butylbenzene

Concen: 19.923 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampled :

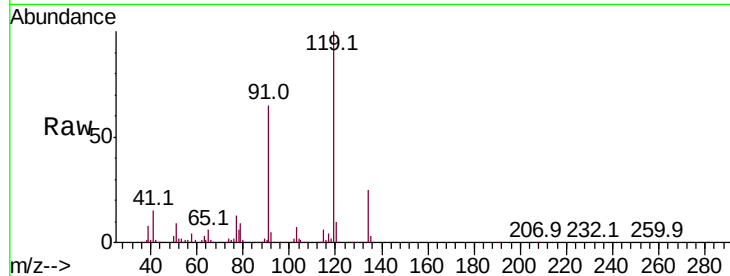
Tot Ion:119 Resp: 155832

Ion Ratio Lower Upper

119 100

91 64.4 31.1 93.2

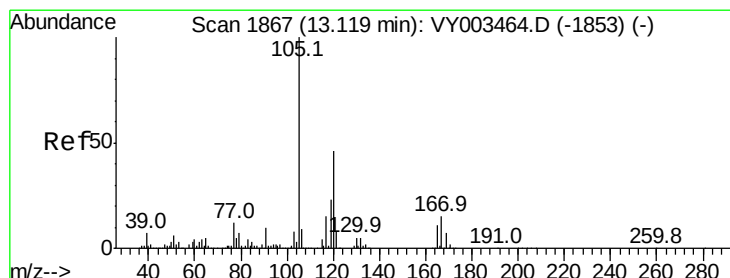
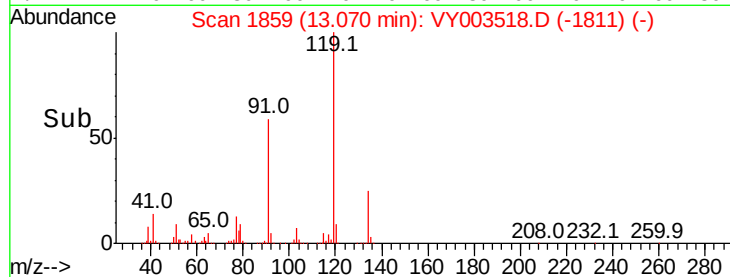
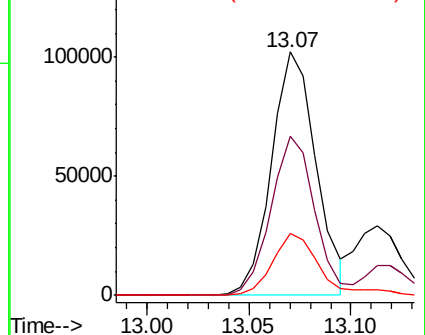
134 27.2 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.869 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003518.D

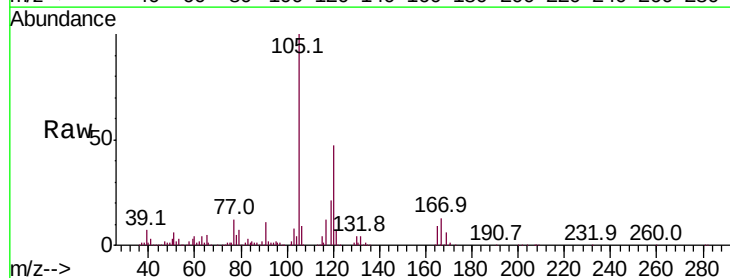
Acq: 05 Nov 2020 11:45

Tgt Ion:105 Resp: 183942

Ion Ratio Lower Upper

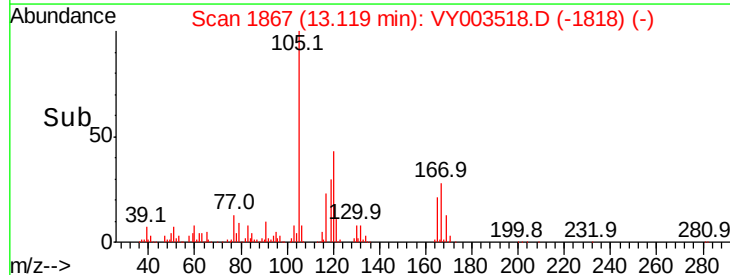
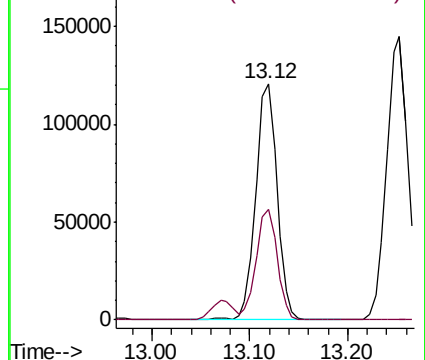
105 100

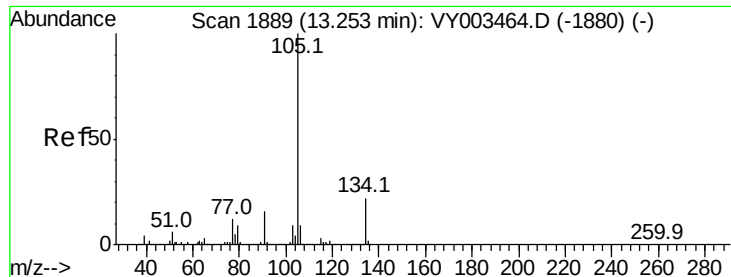
120 46.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.555 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

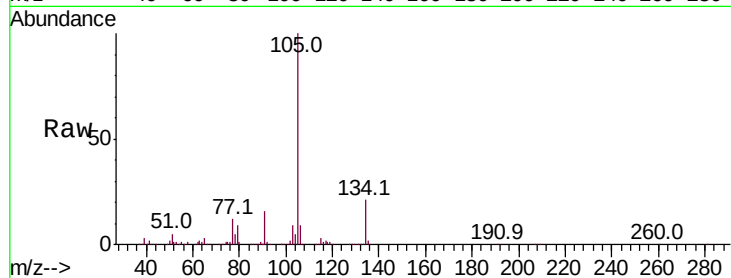
ClientSampleId :

Tot Ion:105 Resp: 217701

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

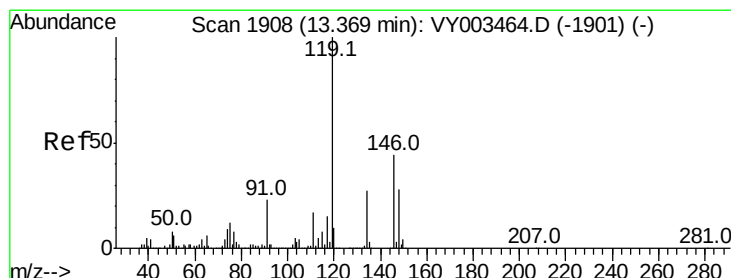
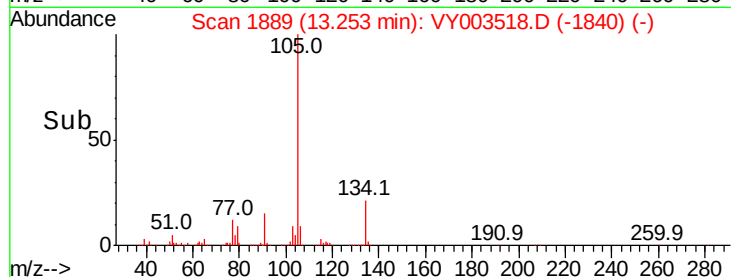
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.530 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

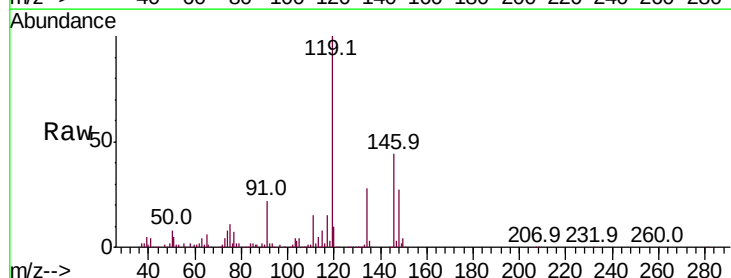
Tgt Ion:119 Resp: 201653

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.9 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

150000

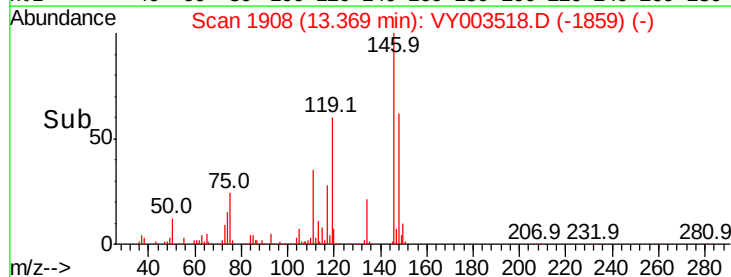
100000

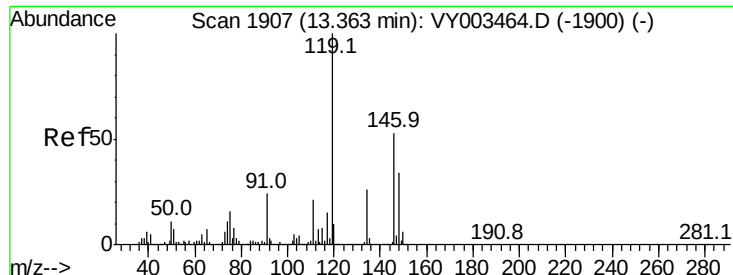
50000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.324 ug/l

RT: 13.36 min Scan# 1907

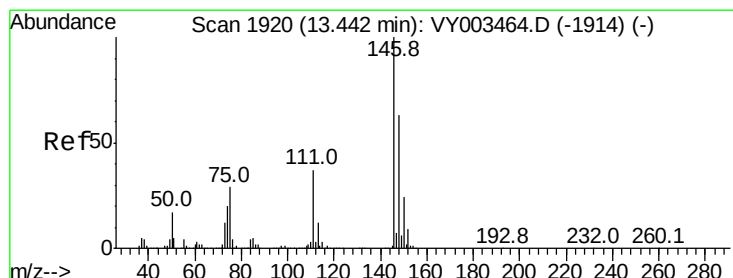
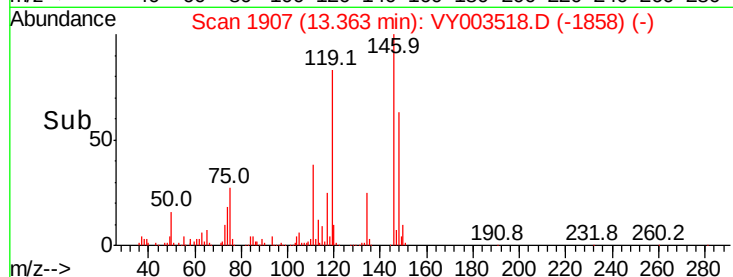
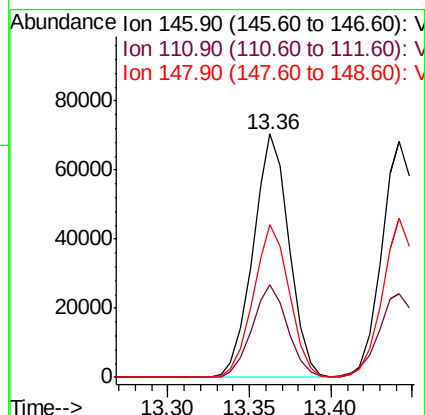
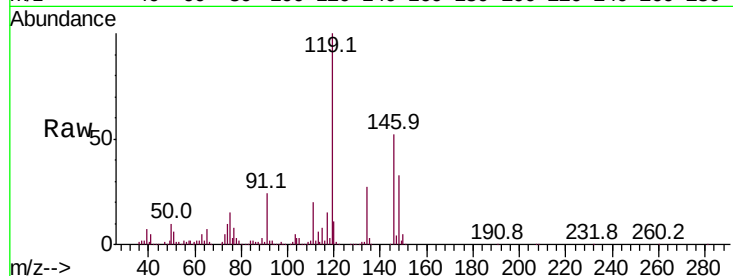
Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	62.6	32.4	97.0



#88

1,4-Dichlorobenzene

Concen: 20.956 ug/l

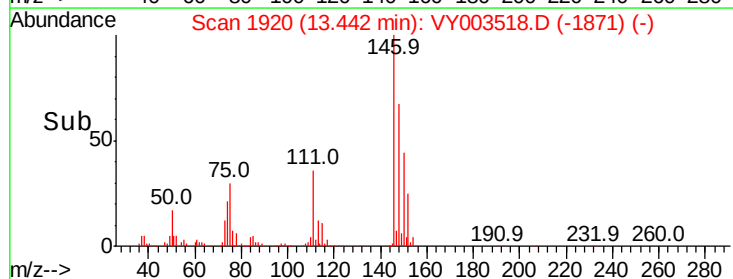
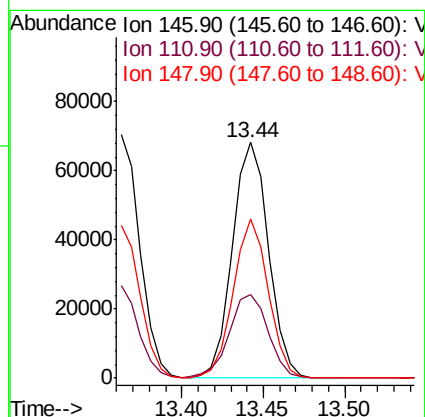
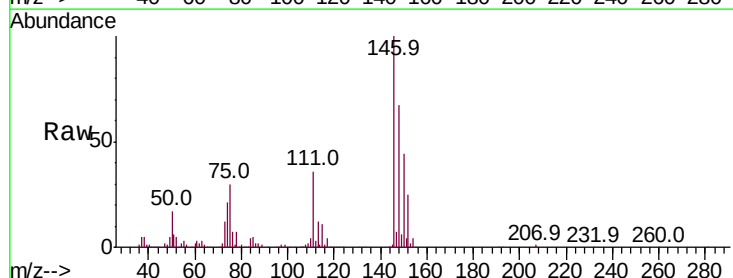
RT: 13.44 min Scan# 1920

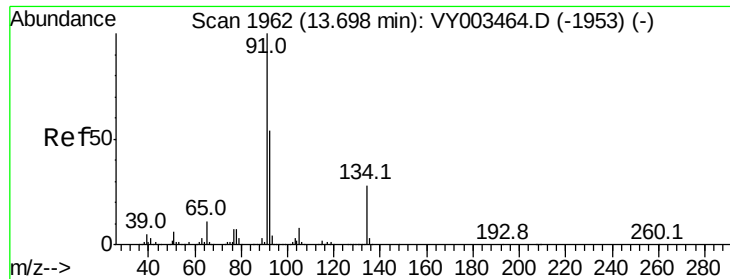
Delta R.T. -0.00 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.3	54.8
148	65.7	32.0	96.0





#89

n-Butylbenzene

Concen: 20.798 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.01 min

Lab File: VY003518.D

Acq: 05 Nov 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

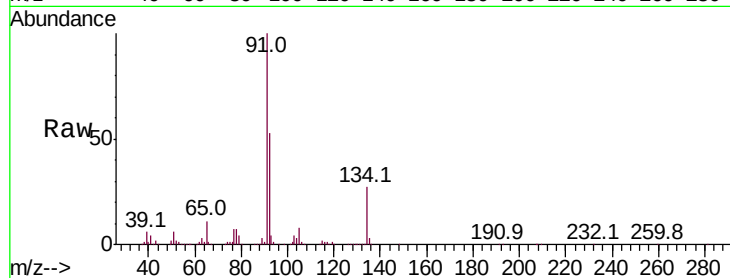
Tot Ion: 91 Resp: 186587

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.1

134 27.3 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1953) (-)

Ion 92.00 (91.70 to 92.70): VY003464.D (-1953) (-)

Ion 134.00 (133.70 to 134.70): VY003464.D (-1953) (-)

13.69

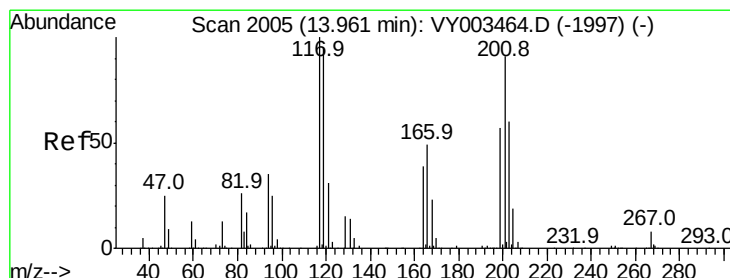
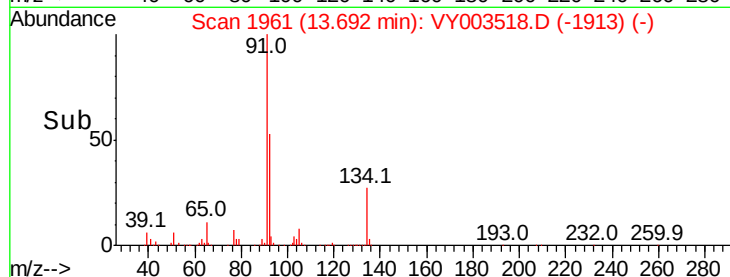
150000

100000

50000

0

Time--> 13.60 13.70



#90

Hexachloroethane

Concen: 20.784 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY003518.D

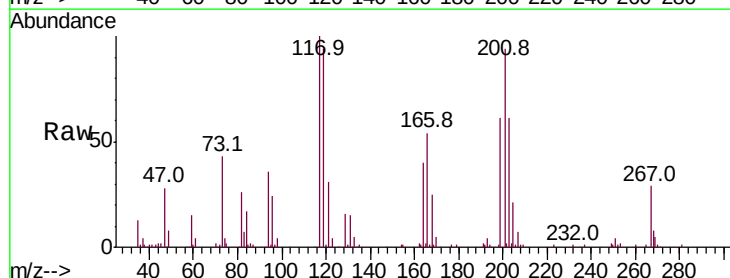
Acq: 05 Nov 2020 11:45

Tgt Ion: 117 Resp: 34357

Ion Ratio Lower Upper

117 100

201 93.6 46.6 139.8



Abundance Ion 116.80 (116.50 to 117.50): VY003464.D (-1997) (-)

Ion 200.70 (200.40 to 201.40): VY003464.D (-1997) (-)

13.96

25000

20000

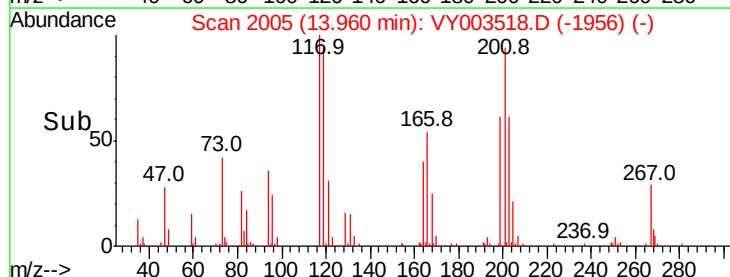
15000

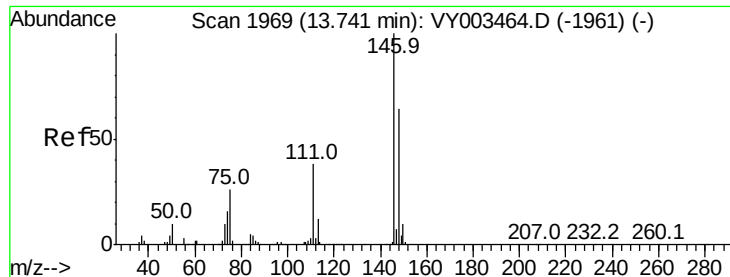
10000

5000

0

Time--> 13.90 13.95 14.00

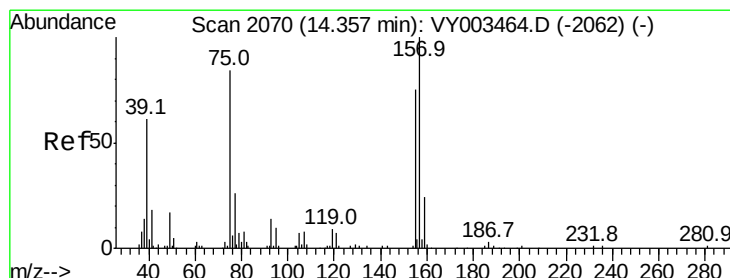
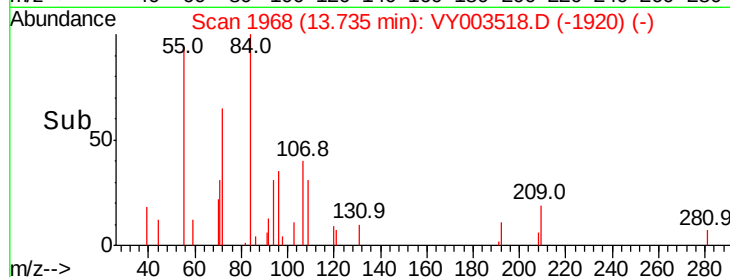
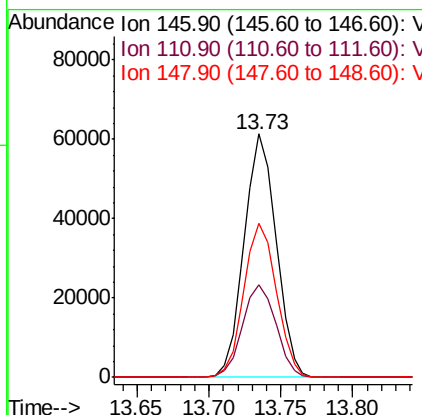
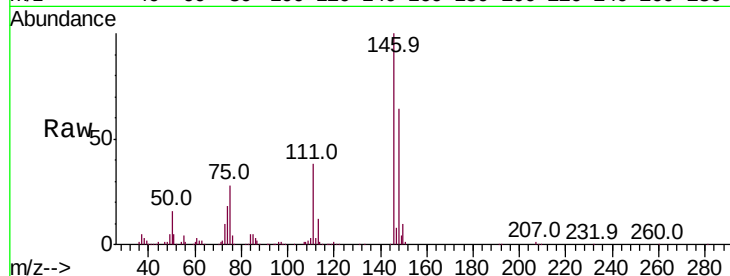




#91
 1,2-Dichlorobenzene
 Concen: 21.152 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

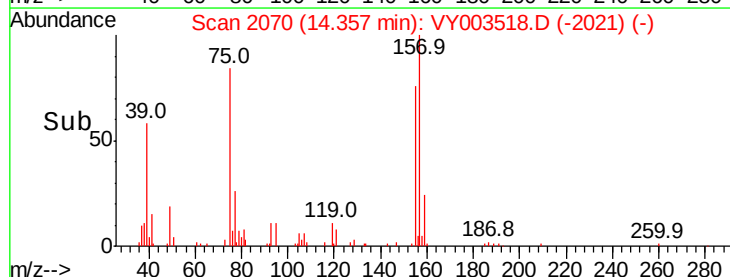
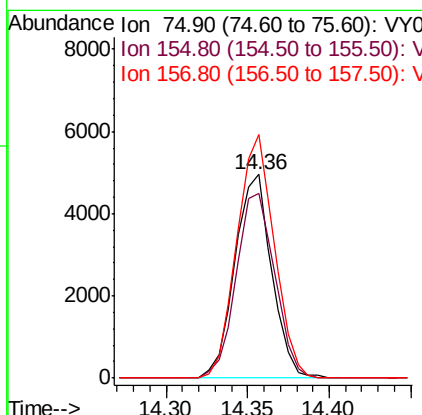
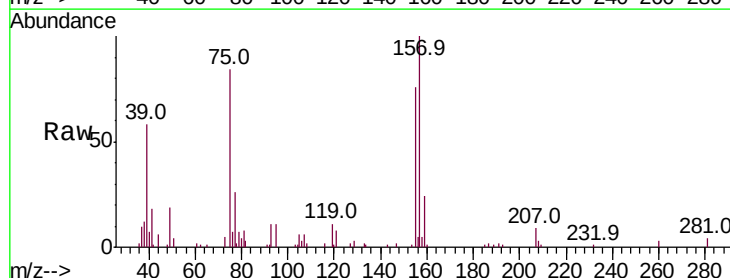
Instrument :
 MSVOA_Y
 ClientSampleId :

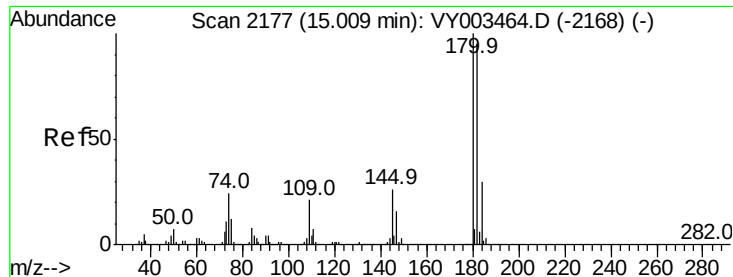
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.3	57.8
148	64.6	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.959 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	45.6	136.7
157	120.7	60.3	180.8

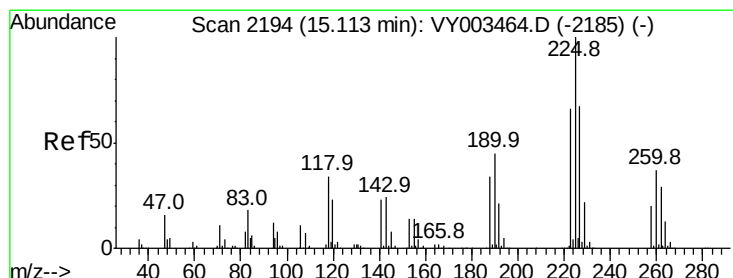
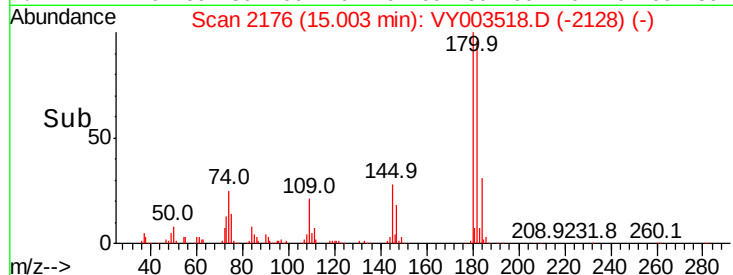
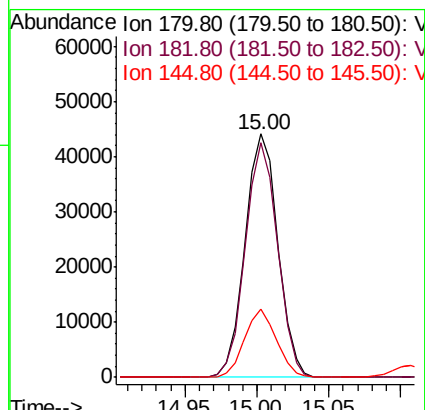
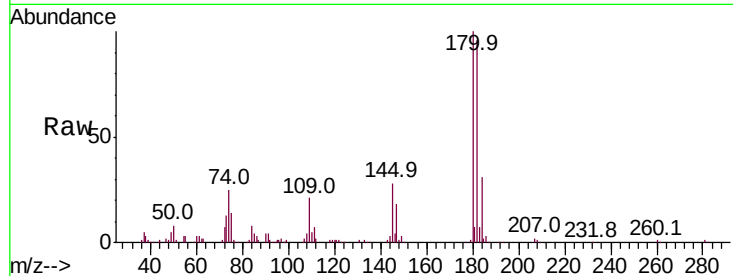




#93
 1,2,4-Trichlorobenzene
 Concen: 21.961 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

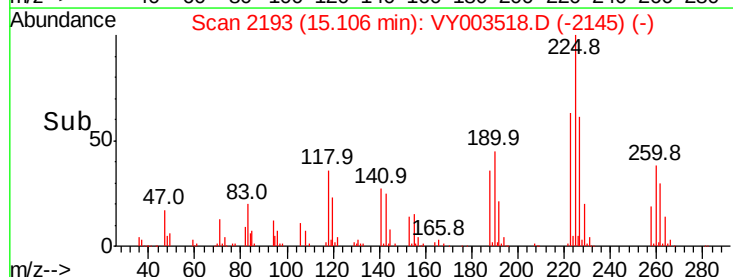
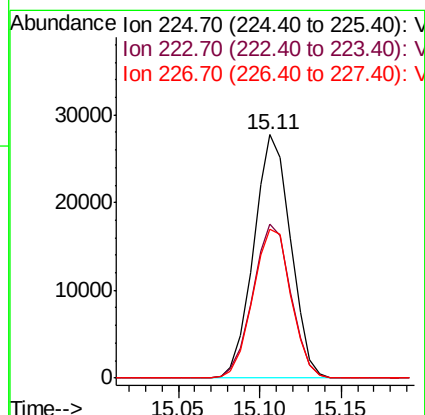
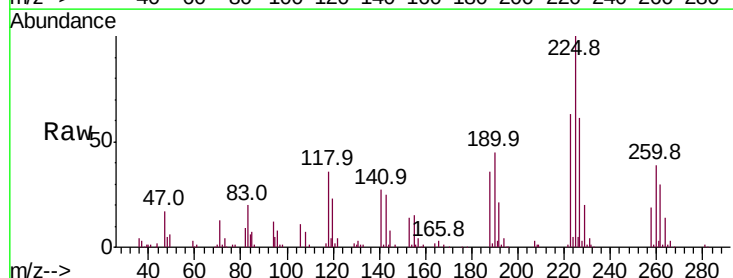
Instrument :
 MSVOA_Y
 ClientSampled :

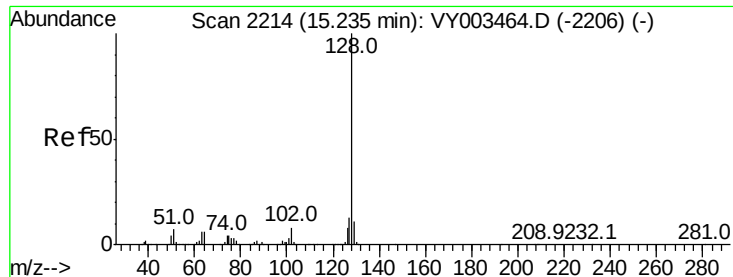
Tot Ion:180 Resp: 69522
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.1 144.3
 145 27.2 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 21.438 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003518.D
 Acq: 05 Nov 2020 11:45

Tgt Ion:225 Resp: 43659
 Ion Ratio Lower Upper
 225 100
 223 65.0 32.1 96.3
 227 63.4 32.4 97.2

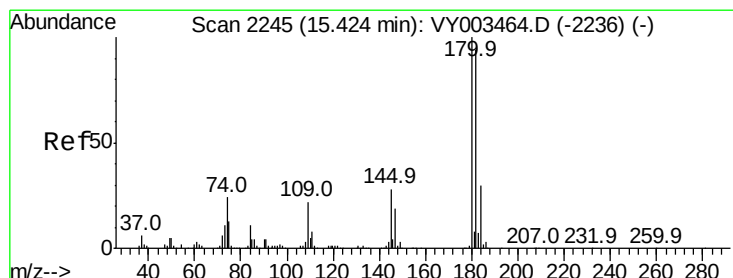
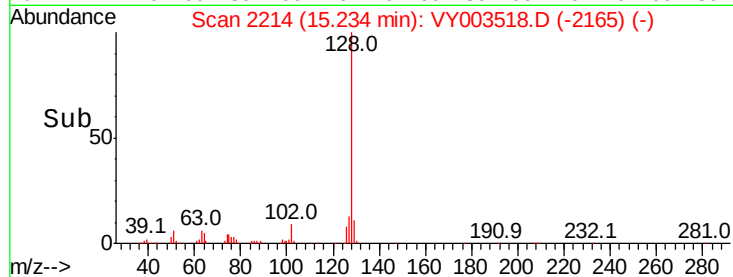
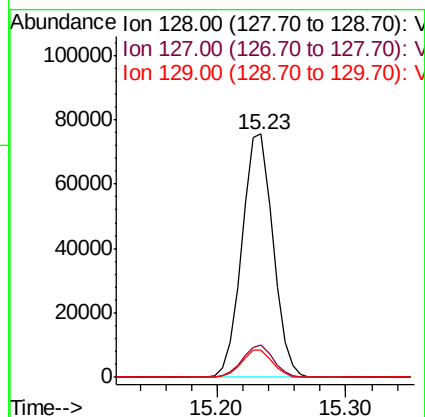
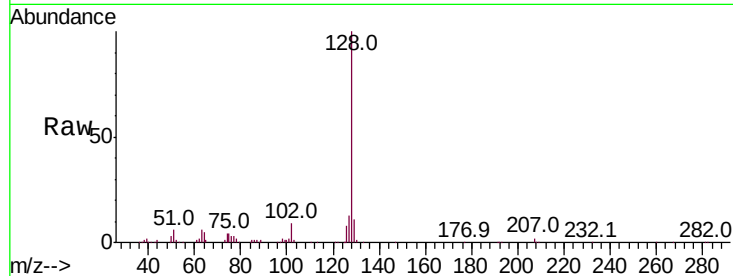




#95
Naphthalene
Concen: 19.852 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 125845
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.473 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003518.D
Acq: 05 Nov 2020 11:45

Tgt Ion:180 Resp: 61149
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.7
145 28.9 14.4 43.2

